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# Feeding Stuffs Report

1937



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# FEEDING STUFFS REPORT

1937

## INTRODUCTION

During the year ending December 31, 1937, 1,199 official samples of feeding stuffs were obtained by the Food Agents throughout the Commonwealth and of this number 1,157 were subjected to analysis in accordance with the provisions of the Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended.

The Law specifically requires the name and address of the manufacturer or importer, net weight, guarantees for protein, fat, and fiber and the names of each ingredient used in a feeding stuffs, to be shown on sacks or attached cards.

Provision is also made for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample, and accordingly 446 special samples of feeding stuffs were submitted for analysis. The results of analyses of these special samples are not included in this report. The total number of official and special samples of feeding stuffs analyzed during the year 1937 was 1,603.

The 1,157 official samples analyzed were registered by 210 manufacturers and represented 16 classes and 904 brands as follows:

Classes	Samples
Oil Cake By-Products.....	4
Distillery By-Products.....	4
Maize By-Products.....	7
Wheat Offal.....	28
Oat By-Product.....	1
Alfalfa Meal.....	3
Proprietary Dairy Feed.....	317
Proprietary Stock, Horse and Mule Feed.....	40
Proprietary Calf Meal.....	7
Proprietary Swine Feed.....	73
Proprietary Chop Feed.....	37
Proprietary Poultry Scratch Feed.....	28
Proprietary Poultry Mash Feed.....	485
Proprietary Small Animal Feed.....	114
Miscellaneous Feed.....	3
Animal By-Products.....	<u>6</u>
Total.....	1157

## BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually, and application for registration should be submitted before January 1 of each year or before being offered for sale. The annual registration fees are as follows:

0 to 150 tons, each.....	\$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

When applications are submitted for registration, they must be accompanied by tonnage affidavit duly certified to, showing the exact number of tons of each brand of feeding stuffs sold during the last preceding year, and where no tonnage reports are submitted the Law provides the registration fee as \$25. for each brand, except in the case of Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal and Pure Corn and Oats Chop, which above mentioned feeds can be registered for a fee of \$5. each, it being unnecessary to submit tonnage affidavit.

Single grains, when made into meals and unmixed, are not required to be registered, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1937 sales, 5,658 brands of feeding stuffs were registered and 1,420 licenses were issued to 1,072 manufacturers.

## CONCLUSIONS

Of the 1,157 official samples analyzed, 199 or 17.20% were deficient in protein or fat and contained fiber in excess of the tolerances provided, 23 samples or 1.99% were found deficient in protein, 89 or 7.70% deficient in fat, and 125 or 10.81% exceeded guarantees for fiber.

Of the total number of samples analyzed, 1,105 represented Proprietary Mixed Feeds, 19 being deficient in protein, 86 deficient in fat, and 123 containing excess fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients, and no serious evidences of adulteration were found.

In some instances ingredients were found present not claimed by manufacturer, and these findings are listed in Table II under the column designated as "Composition." The importance of manufacturers living up to claims made on sacks or attached cards is strongly stressed. The consumer, in making his purchase, naturally expects the ingredients to be present as claimed, and where an ingredient is omitted by a manufacturer, whether intentionally or not, the consumer is not receiving full value for money expended.

TABLE I--CLASSIFICATION SHOWING AVERAGE ANALYSES AND PRICES OF SAMPLES ANALYZED WITH SUMMARY OF DEFICIENCIES

FEEDING STUFFS CLASSES	SAM- PLS	BRANDS	GUARAN- TEED	PROTEIN P. CT.	FAT P. CT.	FIBER P. CT.	PRICE PER TON	NO. DEFICIENT		EXCESSIVE FIBER
								PROTEIN	FAT	
Cottonseed Meal	1	1	1	41.75	6.38	8.95	---	---	---	---
Linsed Oil Meal	2	2	2	37.57	5.23	8.34	66.00	---	---	---
Soybean Oil Meal	1	1	1	43.63	5.45	5.45	---	---	---	---
Distillers Dried Grains	4	3	4	29.58	7.71	8.89	37.88	---	2	---
Corn Gluten Feed	2	2	2	27.22	2.66	6.76	45.00	---	---	---
Corn Gluten Feed--Sweetened	1	1	1	21.25	1.50	6.66	36.00	---	---	---
Hominy Feed	2	2	2	13.35	6.35	5.49	41.50	---	---	---
Corn Meal	1	1	-	10.25	5.61	2.55	51.00	---	---	---
Corn Feed Meal	1	1	-	12.19	4.23	4.89	62.00	---	---	---
Wheat Bran	1	1	1	16.75	4.62	9.37	34.43	1	---	1
Wheat Middlings	13	11	13	15.70	3.75	4.93	43.92	---	1	---
Red Dog Wheat Flour	13	12	13	20.04	4.13	2.56	---	---	---	---
Oat Feed--Sweetened	2	2	2	7.50	2.13	25.89	---	---	---	---
Alfalfa Meal	1	1	1	12.30	1.66	31.83	---	---	---	---
Proprietary Dairy Feed	3	3	3	25.06	4.26	9.31	37.25	2	---	1
Proprietary Stock, Horse and Mule Feed	317	229	317	13.04	3.75	8.07	44.38	2	37	30
Proprietary Calf Meal	40	32	40	23.95	4.51	3.87	46.36	---	3	1
Proprietary Swine Feed	7	7	7	21.39	4.88	6.87	84.14	---	---	---
Corn and Oats Chop	73	59	73	11.25	4.37	6.29	50.72	---	4	10
Chop Feed	22	21	20	11.25	4.05	9.38	46.10	---	---	---
Proprietary Scratch Feed	15	11	15	11.76	3.06	2.93	44.44	---	2	2
Proprietary Mash Feed	28	27	27	20.44	5.08	6.36	56.89	---	1	2
Proprietary Small Animal Feed	485	374	485	---	---	---	57.81	15	11	55
Miscellaneous Feed	114	93	106	---	---	---	---	---	28	21
Meat and Bone Scrap	6	5	6	51.40	9.95	1.61	---	---	---	---
TOTAL	1157	904	1145	---	---	---	52.67	23	89	125

## KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings

OIL CAKE BY-PRODUCTS including Cottonseed Meal, Linseed Oil Meal and Soybean Oil Meal.

DISTILLERY BY-PRODUCT.

MAIZE BY-PRODUCT including Corn Gluten Feed, Hominy Feed, Corn Meal, and Corn Feed Meal.

WHEAT OFFALS (with and without Ground Grain Screenings) including Wheat Bran, Wheat Middlings, and Red Dog Wheat Flour.

OAT BY-PRODUCT.

ALFALFA MEAL.

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Poultry Scratch Feed, Mash Feed and Small Animal Feed.

MISCELLANEOUS FEED.

ANIMAL BY-PRODUCT.



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OIL CAKE PRODUCT</u>							
<u>Cottonseed Meal</u>							
ASHCRAFT-WILKINSON CO., Atlanta, Ga. Cow-Eta Brand 41% Protein Prime Quality (6863)	41.75	41.00	6.38	5.00	8.96	13.00	As Certified
<u>Linseed Oil Meal</u>							
ARCHER-DANIELS-MIDLAND CO., Minneapolis, Minn. 37% Protein Old Process Linseed Meal (6963)	39.13	37.00	4.53	4.50	7.92	9.00	As Certified
SHERWIN-WILLIAMS CO., Cleveland, Ohio Pure Old Process 34% Linseed Meal (6792)	36.00	34.00	6.93	4.60	8.77	9.00	As Certified
Average	37.67	-----	5.23	----	8.34	----	
<u>Soybean Oil Meal</u>							
ARCHER-DANIELS-MIDLAND CO., Minneapolis, Minn. 41% Protein Old Process Soybean Oil Meal (6795)	43.63	41.00	5.81	4.50	5.45	7.00	As Certified
<u>DISTILLERY BY-PRODUCT</u>							
<u>Dietillere' Dried Grains</u>							
FERNEAU GRAIN CO., Blanchester, Ohio Corn Dietillere Dried Graine (7402)	28.81	28.00	6.88	9.00	11.19	14.00	As Certified
SCHENLEY PRODUCTS CO., INC., New York, N. Y. Corn Dietillere Dried Graine (6718)	28.00	28.00	6.33	8.00	9.13	13.00	As Certified
Corn Dietillere Dried Graine (7561)	29.81	28.00	10.68	8.00	7.83	13.00	As Certified
RIRAM WALKER & SONS, INC., Peoria, Ill. Corn Dietillere Dried Graine (6948)	31.69	28.00	7.05	6.00	7.42	13.00	As Certified
Average	29.58	----	7.71	----	8.89	-----	
<u>MAIZE BY-PRODUCTS</u>							
<u>Corn Gluten Feed</u>							
CLINTON COMPANY, Clinton, Iowa Corn Gluten Feed (6777)	27.56	25.00	3.13	2.00	6.35	8.50	As Certified
CORN PRODUCTS REFINING CO., New York, N. Y. Buffalo Corn Gluten Feed (6783)	26.88	25.00	2.18	2.00	7.17	8.50	As Certified
Average	27.22	-----	2.66	----	6.76	----	
<u>Corn Gluten Feed--Sweetened</u>							
CORN PRODUCTS REFINING CO., New York, N. Y. Buffalo Corn Gluten Feed Sweetened (7563)	21.25	20.00	1.50	1.00	6.66	7.00	As Certified
<u>Hominy Feed</u>							
EVANS MILLING CO., Indianapolis, Ind. Emco Hominy Feed (6838)	13.06	10.00	7.32	6.00	6.08	6.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Yellow Hominy Feed (7640)	13.63	10.00	5.37	5.00	4.90	5.00	As Certified
Average	13.35	-----	6.35	----	5.49	----	
<u>Corn Meal</u>							
WARREN CITY MILLS, Warren, Pa. Pure Corn Meal (6936)	10.25	-----	5.61	----	2.55	----	As Certified
<u>Corn Feed Meal</u>							
F. S. WERTZ & SON, Reading, Pa. Corn Feed Meal (6967)	12.19	7.50	14.62	4.00	4.89	4.80	As Certified
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
(With and Without Ground Grain Screenings)							
ATKINSON MILLING CO., Minneapolis, Minn. Wheat Bran with Ground Screenings not exceeding Mill Run (6867)	18.44	14.00	4.10	4.00	8.91	12.00	As Certified
B. A. ECKHART MILLING CO., Chicago, Ill. Pure Wheat Bran (7504)	15.44	14.00	4.03	3.50	9.60	12.00	As Certified
MERTY MILLING CO., Wateontown, Pa. Wheat Bran (7173)	15.06	14.00	3.35	3.50	9.42	12.00	As Certified
INTERNATIONAL MILLING CO., Minneapolis, Minn. Black Hawk Pure Wheat Bran (7506)	17.44	15.00	4.72	3.00	9.54	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KING MIDAS FLOUR MILLS, Minneapolis, Minn. Clover Leaf Pure Wheat Bran (6B93)	18.44	15.00	4.66	4.00	9.84	12.00	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio Pure Wheat Bran (B7B5)	14.89	14.00	4.09	3.00	11.67	10.00	As Certified
THOMAS PAGE MILL COMPANY, Topeka, Kansas Pegs's Broed Flake Pure Wheat Bran (BBB0)	15.75	14.60	4.43	3.50	9.82	11.00	As Certified
REECE & GREENLY, Millville, Pa. Pure Wheat Bran (74B5)	14.38	13.00	3.70	4.00	8.50	12.00	As Certified
RUSSELL-MILLER MILLING CO., Minneapolis, Minn. Hard Wheat Goodcent Bran (7647)	20.50	14.00	6.32	4.00	8.96	11.60	As Certified
F. W. STOCK & SONS, Hilledale, Mich. Stock's Bran with Mill Run Screenings (6791)	19.44	17.50	4.90	4.00	8.21	10.00	As Certified
Stock's Bran with Mill Run Screenings (7454)	19.13	17.50	4.31	4.00	8.33	10.00	As Certified
Stock's Bran with Mill Run Screenings (7670)	12.75	17.50	3.66	4.00	9.61	10.00	As Certified
WILLIAMS BROTHERS CO., Kent, Ohio Pure Wheat Bran (7651)	15.25	14.00	3.77	3.00	9.58	12.00	As Certified
Average	16.75	----	4.23	----	9.37	-----	
<u>Wheat Middlings</u>							
(With and Without Oround Orain Screenings)							
R. S. ALTMAN, Irwin, Pa. Altman's Trojan Flour Middlings (7630)	18.38	15.00	3.29	3.60	4.46	7.00	Wheat middlings and wheat flour with wheat screenings not exceeding mill run.
ATKINSON MILLING CO., Minneapolis, Minn. Wheat Standard Middlings with Oround Screenings not exceeding Mill Run (7508)	19.56	15.00	4.06	4.00	8.77	9.50	As Certified
BUCKEYE CEREAL CO., Massillon, Ohio Extra White Middlings (7699)	17.75	15.00	2.04	3.50	3.46	3.50	As Certified
HEPTY MILLING CO., Wataontown, Pa. Wheat Middlings (7174)	18.19	14.00	4.30	3.50	3.15	12.00	As Certified
THE LOUDONVILLE MILLING CO., Loudonville, Ohio Winter Wheat Middlings with Oround Screenings not exceeding Mill Run (6735)	15.44	15.00	4.56	4.00	7.00	7.00	As Certified
Winter Wheat Middlings with Oround Screenings not exoading Mill Run (6B79)	16.69	15.00	4.59	4.00	6.65	7.00	As Certified
THE MENNEL MILLING CO., Toledo, Ohio Memo Soft Wheat Flour Middlings with Mill Run Screenings (754B)	15.25	14.00	4.11	4.00	5.97	6.50	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio Namco (Wheat Middlinge with Oround Screenings not exceeding Mill Run) (6739)	15.55	15.00	4.38	3.50	7.44	9.00	As Certified
Tolio (Wheat Middlings and Wheat Flour with Oround Screenings not exceeding Mill Run (6793)	15.06	15.00	3.94	3.50	6.57	6.00	As Certified
REECE & GREENLY CO., Millville, Pa. Pure Wheat Middlings (74B9)	13.25	15.00	3.73	4.00	2.80	6.00	As Certified
RICHARDS MILLING COMPANY, Cortland, Ohio Fancy Winter Wheat Middlings (6B51)	14.38	16.00	3.02	3.00	2.87	10.00	As Certified
THE WHEATENA CORP., Highapire, Pa. Pure Wheat Middlings (B622)	14.56	13.00	3.29	2.50	3.39	5.50	As Certified
WILLIAMS BROTHERS CO., Kent, Ohio Pure Fancy Winter Wheat Middlings (7642)	15.00	14.00	3.50	3.50	3.92	9.50	As Certified
Average	15.70	-----	3.75	----	4.93	----	
<u>Red Dog Wheat Flour</u>							
COMMANDER-LARABEE MILLING CO., Minneapolis, Minn. Sunfed Red Dog (6790)	20.38	16.00	4.31	4.00	3.01	4.00	As Certified
KINO MIDAS FLOUR MILLS, Minneapolis, Minn. Red Dog Wheat Flour (BB94)	19.69	16.50	3.95	4.00	2.11	4.00	As Certified
Average	20.04	-----	4.13	----	2.56	----	



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>OAT BY-PRODUCT</u>							
<u>Oat Feed--Sweetened</u>							
THE QUAKER OATS CO., Chicago, Ill. Sugared Vint Oat Mill Feed (6884)	7.50	5.00	2.13	1.25	25.99	27.50	As Certified
<u>ALFALFA MEAL</u>							
PECOS VALLEY ALFALFA MILL CO., Hegerman, N. Mex. Alfalfa Meal (6788)	14.13	13.00	1.89	1.50	31.75	35.00	As Certified
SAUNDER'S MILLS, INC., Toledo, Ohio Alfalfa Meal (7392)	9.38	13.00	1.53	1.50	34.52	33.00	As Certified
Velvet Brand Poultry Meal (7393)	13.38	17.00	1.75	1.50	29.29	23.00	Alfalfa Meal
Average	12.30	-----	1.55	-----	31.63	-----	
<u>MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS</u>							
<u>Proprietary Dairy Feed</u>							
ACME MILLING CO., Clean, N. Y. 20% Dairy Feed (7418)	23.38	20.00	4.03	3.75	8.13	11.00	Found in addition beet pulp.
ALLIED MILLS INC., Chicago, Ill. Amco 24% Dairy Ration (7071)	26.36	24.00	4.50	4.00	8.50	9.00	As Certified
Amco 39% Supplement Dairy Ration (7070)	36.75	32.00	4.88	4.00	7.52	9.00	As Certified
Empire 18% Dairy Ration (7078)	18.06	15.50	4.25	3.50	10.80	12.00	As Certified
Empire 20% Dairy Ration (7216)	23.31	20.00	4.33	3.50	10.87	12.00	As Certified
Empire 20% Dairy Ration (7715)	22.44	20.00	3.98	3.50	11.15	12.00	As Certified
Empire 24% Dairy Ration (7027)	24.75	24.00	4.79	3.50	11.53	12.00	As Certified
Empire 24% Dairy Ration (7215)	27.50	24.00	4.95	3.50	10.67	12.00	As Certified
Ideal 20% Dairy Ration (7072)	22.50	20.00	5.53	3.50	11.47	12.00	As Certified
Ideal 20% Dairy Ration (7147)	22.63	20.00	3.93	3.50	10.88	12.00	As Certified
Ideal 24% Dairy Ration (7146)	24.13	24.00	3.70	3.50	11.32	12.00	As Certified
Sucrene 18% Dairy Ration (7068)	21.69	16.50	4.15	3.50	11.15	12.00	As Certified
Sucrene 18% Dairy Ration (7145)	18.44	16.50	3.73	3.50	8.42	9.00	As Certified
Wayne 20% Dairy Feed (7217)	23.51	20.00	5.18	4.00	9.49	9.00	As Certified
Wayne 20% Dairy Feed (7717)	23.19	20.00	5.22	4.00	9.39	9.00	As Certified
Wayne 24% Dairy Feed (7256)	26.44	24.00	5.58	4.00	9.73	9.00	As Certified
Wayne 24% Dairy Feed (7718)	26.75	24.00	5.58	4.00	9.73	9.00	As Certified
Wayne 32% Farm Mix Dairy Feed (7255)	36.19	32.00	6.38	4.00	7.60	9.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's 16% Dairy Feed (6796)	20.69	16.00	3.46	3.00	10.87	12.00	Distillers dried grains and linseed oil meal not detected. Found in addition brewers dried grains and malt sprouts.
Altman's 16% Dairy Feed (6855)	24.31	16.00	3.44	3.00	8.80	12.00	Distillers grains not detected. Found in addition brewers dried grains and malt sprouts.
Altman's 15% Dairy Feed (7633)	18.31	18.00	3.77	3.00	11.90	12.00	As Certified
Altman's 20% Dairy Ration (6831)	23.19	20.00	3.87	4.00	10.10	12.00	Found in addition malt sprouts.
Altman's 20% Dairy Ration (6736)	22.31	20.00	4.00	4.00	10.64	12.00	As Certified
Altman's 20% Dairy Ration (6866)	23.56	20.00	3.90	4.00	10.38	12.00	Distillers grains not detected. Found in addition brewers dried grains and malt sprouts.
Altman's 20% Dairy Ration (6887)	99.00	20.00	3.68	4.00	7.28	12.00	Found in addition brewers dried grains and malt sprouts.
Altman's 20% Dairy Ration (7408)	27.50	20.00	3.27	4.00	9.92	12.00	As Certified
Altman's 20% Dairy Ration (7442)	23.88	20.00	4.41	4.00	11.46	12.00	As Certified
Altman's 24% Dairy Ration (6832)	26.38	24.00	3.89	4.00	9.80	12.00	Found in addition malt sprouts and ground barley.
Altman's 24% Dairy Ration (6732)	26.81	24.00	3.63	4.00	9.52	12.00	Found in addition malt sprouts, brewers' dried grain, and small amount unground weed seeds.
Altman's 24% Dairy Ration (6884)	32.50	24.00	5.39	4.00	5.70	12.00	Beet pulp and distillers grains not detected. Found in addition puffed wheat and fish meal.
Altman's 24% Dairy Ration (7409)	27.61	24.00	4.19	4.00	9.34	12.00	As Certified
Altman's 24% Dairy Ration (7442)	29.00	24.00	3.33	4.00	7.75	12.00	As Certified
Altman's 24% Dairy Ration (7635)	26.63	24.00	4.67	4.00	10.37	12.00	As Certified
Altman's 24% Dairy Ration (7673)	23.81	24.00	4.29	4.00	10.50	12.00	Beet pulp not detected. Found in addition brewers dried grains.
Altman's 32% Dairy Concentrate (6529)	36.56	32.00	5.73	4.00	7.26	10.00	Found in addition brewers dried grains and malt sprouts.
Altman's 32% Dairy Concentrate (6733)	36.44	32.00	3.32	4.00	6.64	10.00	Found in addition malt sprouts.
Altman's 32% Dairy Concentrate (6868)	36.75	32.00	3.15	4.00	7.46	10.00	Found in addition malt sprouts and brewers dried grains.
Altman's 32% Dairy Concentrate (7636)	35.56	32.00	4.19	4.00	6.82	10.00	As Certified
Altman's Best 16% Protein Dairy Feed (6530)	23.94	16.00	3.63	3.00	8.10	12.00	Found in addition brewers dried grains.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
AMERICAN STORES CO., Philadelphia, Pa. Farmdale 24% Dairy Feed (7259)	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
	25.18	24.00	4.13	4.00	8.27	12.00	As Certified
ANDERSEN BROTHERS, Sugar Grove, Pa. Home Mixed Sweetened Cow Feed (6950)	22.81	22.00	4.10	4.00	5.94	10.00	Found in addition calcium carbonate. As Certified
Home Mixed 20% Sweetened Cow Feed (6949)	22.06	20.00	3.68	4.00	9.81	12.00	
R. A. BATES & SON, Knoxville, Pa. 20% Oak Leaf Dairy Ration (7690)	20.06	20.00	3.60	4.00	7.76	9.00	Found in addition brewers dried grains.
THE BEACON MILLING CO., INC., Cayuga, N. Y. Auburn Dairy Feed (6674)	21.38	20.00	4.10	4.00	7.34	10.00	As Certified
BELLEVILLE FLOUR MILLS CO., Belleville, Pa. Big Valley 19% Dairy Ration (7160)	22.25	19.00	3.95	3.00	11.76	12.00	Beet pulp not detected. As Certified
New Jersey Milk and Oatmeal Ration (7162)	19.69	19.00	5.33	4.00	8.07	7.00	
C. R. BERGER, Trout Run, Pa. Berger's Milk Producer (7201)	24.06	24.00	6.13	4.00	8.00	9.00	As Certified
BLANK & GOTTSCHALL CO., INC. Sunbury, Pa. B. & O. 16% Dairy Ration (6610)	15.75	16.00	3.39	4.00	12.26	11.00	As Certified
B. & C. 16% Dairy Ration (7021)	15.60	16.00	3.64	4.00	12.06	11.00	Found in addition small amount un- ground weed seeds and malt sprouts. As Certified
B. & C. 20% Dairy Ration (6608)	23.00	20.00	3.78	5.00	10.68	10.00	Found in addition malt sprouts.
B. & G. 20% Dairy Ration (7023)	22.31	20.00	4.26	5.00	11.14	10.00	As Certified
B. & G. 24% Dairy Ration (6609)	25.25	24.00	3.81	5.00	8.21	9.00	Found in addition malt sprouts.
B. & G. 24% Dairy Ration (7022)	25.94	24.00	4.80	5.00	7.32	9.00	As Certified
Sunbury 32% Farm Mix Ration (6611)	32.69	32.00	3.74	4.50	7.65	10.00	Found in addition malt sprouts. As Certified
BROWN & FASSETT, Tunkhannock, Pa. B. & F. Dairy Ration (6685)	22.38	23.00	3.90	4.00	7.30	9.00	As Certified
B. & F. Dairy Ration (7595)	23.13	23.00	3.71	4.00	5.75	9.00	As Certified
B. & F. Milk Ration (6683)	17.81	18.00	3.36	3.50	11.30	11.00	Found in addition ground bone and small amount ground screenings. As Certified
B. & F. Milk Ration (7590)	19.00	18.00	3.24	3.50	10.40	11.00	
JOHN S. BROWN'S SON, New Castle, Pa. Economy Dairy Feed (7372)	25.56	24.00	3.00	4.00	9.44	12.00	Found in addition brewers dried grains and malt sprouts. Found in addition brewers dried grains, beet pulp, and charcoal. Found in addition brewers dried grains.
Our Quality 24% Dairy Ration (7373)	26.13	24.00	3.22	4.00	7.07	12.00	
Our Quality 32% Dairy Ration (7374)	32.31	32.00	3.45	4.00	6.81	12.00	
THE BUCKEYE CEREAL CO., Massillon, Ohio 24% Malto Dairy Feed (7417)	25.94	24.00	2.85	3.00	6.90	10.00	As Certified
CAMPBELL'S MILL, Lewisburg, Pa. Campbell's 20% Dairy (7602)	20.44	20.00	3.77	4.00	8.28	9.00	Found in addition malt sprouts and brewers dried grains.
CANNONBURG MILLING CO., Cannonburg, Pa. C. M. C. 20% Dairy Feed (6784)	20.00	20.00	4.40	4.00	9.75	9.00	As Certified
CITY FLOURING MILLS, INC., Muncy, Pa. Muncy 20 Dairy (7137)	20.06	20.00	4.80	4.00	8.17	11.00	As Certified
Muncy 24 Dairy (7138)	24.13	24.00	4.15	4.00	8.50	11.00	As Certified
Muncy 32 Dairy (7139)	33.00	32.00	5.63	4.00	9.87	11.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Dairy Feed (6547)	23.44	22.00	4.18	4.00	8.40	10.00	As Certified
COLLECEVILLE MILLS, Collegeville, Pa. Perkiomen Dairy Feed (6995)	22.38	21.00	4.04	4.00	9.35	10.00	As Certified
CONNHAUT GRAIN & FUEL CO., Conneaut, Ohio Blue Star Dairy Ration (7584)	24.63	24.00	4.18	3.00	8.62	8.00	Distillers dried grains not detected. Found in addition brewers dried grains.
COOPERATIVE C.L.F. MILLS, INC., Buffalo, N. Y. 12% Dairy (6648)	20.75	18.00	4.04	3.00	11.30	12.00	As Certified
18% Dairy (7473)	22.56	18.00	4.10	3.00	6.97	12.00	As Certified
30% Dairy Supplement (6566)	33.56	30.00	4.66	4.00	7.55	10.00	As Certified
30% Dairy Supplement (6585)	33.63	30.00	4.56	4.00	7.32	10.00	As Certified
30% Dairy Supplement (6943)	31.75	30.00	4.44	4.00	7.52	10.00	As Certified
30% Dairy Supplement (7475)	32.63	30.00	4.35	4.00	7.09	10.00	As Certified
Exchange Dairy (6575)	24.25	20.00	4.82	4.00	7.30	10.00	As Certified
Exchange Dairy (6587)	24.31	20.00	4.17	4.00	6.09	10.00	As Certified
Exchange Dairy (6597)	23.19	20.00	4.29	4.00	7.15	10.00	As Certified
Legume Dairy (6573)	20.88	18.00	4.29	4.00	7.61	10.00	As Certified
Legume Dairy (7185)	21.44	16.00	4.85	4.00	8.62	10.00	As Certified
Milk Maker (6574)	26.38	24.00	4.48	4.00	7.27	10.00	As Certified
Milk Maker (6584)	27.88	24.00	3.98	4.00	6.11	10.00	As Certified
Milk Maker (6647)	27.38	24.00	4.94	4.00	6.67	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Milk Maker (6947)	24.56	24.00	4.17	4.00	8.15	10.00	As Certified
Milk Maker (7476)	26.56	24.00	4.89	4.00	9.24	10.00	As Certified
Super Exchange Dairy (6572)	21.38	20.00	5.10	5.00	7.27	9.50	As Certified
Super Exchange Dairy (6594)	22.00	20.00	4.60	5.00	7.09	9.50	As Certified
Super Exchange Dairy (6946)	21.50	20.00	5.05	5.00	7.12	9.50	As Certified
Super Milk Maker (6601)	26.69	24.00	4.66	4.50	7.41	9.50	As Certified
CUSTER'S FLOUR MILL, Milton, Pa. Custer's 20% Dairy Ration (7182)	24.25	20.00	4.05	3.00	9.50	8.00	Ground corn not detected.
Custer's 24% Dairy Ration (7181)	29.25	24.00	4.20	3.00	8.75	9.00	Cottonseed meal, chercoel, and ground corn not detected. Found in addition ground oats and soybean meal.
Custer's 32% Dairy Ration (7180)	36.06	32.00	4.83	4.50	7.42	8.50	Cottonseed meal not detected. Found in addition brewers dried grains, soybean meal, and chercoel.
DAYTON MILLING CO., Towanda, Pa. Dayton's 20% Dairy Ration (7154)	24.13	20.00	4.33	4.00	7.55	11.00	Found in addition millet screenings.
Dayton's Fox Chase Dairy Ration (7155)	24.69	20.00	4.55	4.50	7.17	10.00	Found in addition millet screenings.
DEAN & LEE, Horseheads, N. Y. Perfection Dairy Ration (7183) Pioneer Dairy Ration (7157)	22.56 26.81	20.00 24.00	4.88 5.09	4.50 5.00	9.32 8.84	9.00 9.00	As Certified Found in addition malt sprouts. As Certified
Special 18% Dairy Ration (7158)	22.88	18.00	4.53	4.00	10.67	14.00	As Certified
DELAWARE MILLS, INC., Depoist, N. Y. Delaware Special Dairy Feed (7041) Delaware Sweet 24% Dairy Feed (7040)	24.19 24.68	20.00 24.00	4.35 4.08	4.50 4.50	7.97 7.90	10.00 9.00	As Certified Found in addition brewers dried grains.
DIETRICH & GAMBRILL, INC., Frederick, Md. Frederick Dairy Feed (7273) Gambrill's High Protein Dairy Feed (7127) Pen-Mar Dairy Feed (7125)	26.25 34.56 24.81	24.00 32.00 20.00	4.96 5.35 4.35	4.00 4.00 4.00	12.26 9.07 5.90	12.00 9.00 9.00	As Certified As Certified As Certified
R. J. DUNHAM, Wellsboro, Pa. Tyoge Brand Dairy Ration (6652)	23.31	24.00	5.11	5.00	6.58	9.00	Found in addition ground barley.
EASTERN STATES FARMERS EXCHANGE, Springfield, Mass. Fulpell (7205) Fulpell (7542) Fulpell (7706) Highland 12 (7546) Highland 16 (7556) Highland 16 (7708) Highland 20 (7133) Highland 20 (7543) Milkmore (7275) Milkmore (7554) Milkmore (7705) 32% Supplement Feed (7131) 32% Supplement Feed (7544) 32% Supplement Feed (7704)	22.31 23.25 22.69 15.81 19.69 17.88 22.94 21.25 26.84 26.83 25.31 34.94 34.94 34.88	20.00 20.00 20.00 12.00 16.00 16.00 20.00 20.00 24.00 24.00 24.00 32.00 32.00 32.00	4.64 4.94 4.50 3.63 4.87 4.95 5.00 4.65 4.30 4.84 4.66 4.79 5.01 5.29	4.50 4.50 4.00 2.75 3.50 3.50 4.00 4.00 4.50 4.50 4.50 4.50 4.50 4.50	7.80 7.01 7.22 10.95 7.26 10.44 10.82 10.75 8.71 7.25 8.10 8.30 7.66 7.48	8.50 8.50 8.50 11.00 11.50 11.50 12.00 11.00 9.00 9.00 9.00 8.00 8.00 8.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
EATON FLOUR MILL, Lawrenceville, Pa. Eaton Dairy Ration (7695)	26.25	24.00	5.22	5.00	8.11	9.00	As Certified
JOHN W. ESPELMAN & SONS, Lancaster, Pa. Challenge Dairy Feed (7328) Conestoga 20 Dairy Feed (6970)	26.63 21.63	24.00 20.00	4.71 5.08	4.00 4.00	10.50 10.45	11.00 11.00	As Certified Found in addition malt sprouts, unground weed seeds including Canada thistle, and oat meal mill by-products.
Conestoga 20 Dairy Feed (7320) Conestoga 20 Dairy Feed (7529) Golden Rod 25 Dairy Mash (7447) Maintenance 16% Dairy Feed (7646)	21.50 22.38 29.00 19.75	20.00 20.00 25.00 16.00	4.27 4.69 4.01 4.70	4.00 4.00 5.00 3.00	10.79 9.51 8.74 12.36	11.00 11.00 11.00 11.00	As Certified As Certified As Certified Found in addition small amount of unground weed seed.
Pennsy 16 Dairy Feed (6971)	19.81	16.00	4.20	3.00	11.57	11.00	Found in addition unground weed seed.
Pennsy 16 Dairy Feed (7079) Pennsy 16 Dairy Feed (7169)	19.38 20.94	16.00 16.00	4.10 5.30	3.00 3.00	12.81 11.37	11.00 11.00	As Certified Found in addition small amount of unground weed seed.
Pennsy 16 Dairy Feed (7329) Pennsy 16 Dairy Feed (7526) Red Cow Dairy Ration (6839) Red Rose 20 Dairy Feed (7527) Red Rose 24 Dairy Feed (6905) Red Rose 24 Dairy Feed (6972) Red Rose 24 Dairy Feed (7330) Red Rose 24 Dairy Feed (7528) 32% Mixing Ration (7168) 32% Mixing Ration (7325)	15.44 19.19 20.13 22.69 26.50 27.94 25.50 25.56 33.50 32.88	16.00 16.00 16.00 20.00 24.00 24.00 24.00 24.00 32.00 32.00	3.93 4.27 2.63 4.64 4.45 4.54 4.39 4.77 4.64 4.93	3.00 3.00 2.00 4.00 4.00 4.00 4.00 4.00 4.50 4.50	11.37 10.62 18.36 8.11 9.41 8.86 10.07 7.73 9.72 10.19	11.00 11.00 17.00 11.00 11.00 11.00 11.00 11.00 9.00 9.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
FARM BUREAU MILLING CO., INC., Chicago, Ill. Milk Maker 24% (7421) Milk Maker 32% (7423)	28.63 37.44	24.00 32.00	3.43 4.05	3.75 3.75	7.45 8.44	9.00 9.00	As Certified As Certified



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GOLDEN ORAIN MILLS, INC., Harrisburg, Pa. Capitol Dairy Feed 20% (7246)	22.25	20.00	4.55	3.50	11.90	12.00	Corn distillers grains, rye, and malt sprouts not detected. Found in addition brewers dried grains.
GOOD'S CITY MILLS, INC., Williamsport, Pa. Good's Dairy Feed (7190)	25.94	24.00	4.36	4.00	8.51	11.00	As Certified
D. H. ORANDIN MILLING CO., Jamestown, N. Y. M-8 (Money Saver) 20% Dairy Feed Sweetened (7035)	22.75	20.00	3.75	3.50	10.87	12.00	As Certified
ORANTIS FEED STORE, Meadville, Pa. Setter 20% Dairy Feed (7571)	21.31	20.00	4.09	4.00	11.11	12.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y. Milky-Way 20% Dairy Feed (7260) Milky-Way 24% Dairy Feed (7261)	21.44 27.44	20.00 24.00	3.94 4.09	3.50 3.50	6.15 9.09	9.00 9.00	As Certified As Certified
HALES & HUNTER CO., Chicago, Ill. Special Red Horn 20% Dairy Feed (7266)	22.68	20.00	3.58	3.50	10.28	12.00	As Certified
HARPER ORAIN CO., Pittsburgh, Pa. 18% Green Pastures Milk Ration (7663) 20% Green Pastures Milk Ration (7665)	16.31 21.13	16.00 20.00	4.25 3.98	3.00 4.00	9.73 8.96	12.00 12.00	As Certified As Certified
HEFTY MILLING CO., Watsonstown, Pa. Hefty's 20% Dairy Feed (7179) Hefty's 32% Supplement Dairy Feed (7178)	25.36 32.19	20.00 32.00	4.53 4.43	3.50 4.00	9.17 7.74	12.00 10.00	As Certified As Certified
E. R. HELLER, Wapwallopen, Pa. Beet 24% Dairy (6602)	23.66	24.00	4.41	4.00	9.01	9.50	Bone meal not detected. Found in addition linseed oil meal, ground buck- wheat, and ground oats.
61g Flake 32% Dairy Feed (6603)	30.19	32.00	5.20	6.00	6.01	6.00	Found in addition soybean meal and ground oyster shell.
HENRY & MISSERT FEED CO., INC., Buffalo, N. Y. H. & M. 16% Dairy Ration (7044) H. & M. 20% Dairy Ration (7045)	20.31 22.56	16.00 20.00	3.06 2.64	3.00 4.00	12.10 10.98	12.00 6.50	Found in addition malt sprouts. Found in addition small amount un- ground weed seeds and malt sprouts. Found in addition malt sprouts. As Certified
H. & M. 24% Dairy Ration (7080) H. & M. 24% Dairy Ration (7485)	25.66 26.06	24.00 24.00	3.90 2.89	4.00 4.00	10.07 8.15	8.50 6.50	As Certified
THE HERMAN-McLEAN CO., Cleveland, O. Ohio 24% Dairy Ration (6902)	23.66	24.00	3.74	3.50	11.85	12.00	Found in addition brewers dried grains, oat hulls (oat meal mill by-product), alfalfa meal, and brewers dried grain.
Portage 20% Dairy Ration (6901)	20.13	20.00	3.96	3.50	13.82	12.00	Cocunut oil meal not detected. Found in addition alfalfa meal brewers grains, oat meal mill by-product, and peanut skin meal.
Portage 20% Dairy Ration (7433) Portage 24% Akron Dairy Ration (7434)	25.75 26.94	20.00 24.00	3.29 4.18	3.50 3.50	11.51 10.74	12.00 12.00	As Certified As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa. 18% Dairy Ration Sweetened (6588)	20.25	16.00	3.82	3.50	8.37	9.00	Found in addition ground barley and charcoal.
Tru-Mix 20% Dairy Ration (6666)	22.05	20.00	4.02	4.50	6.97	9.00	Found in addition small amount of ground screenings.
Tru-Mix 24% Dairy Ration (6667)	24.81	24.00	4.25	4.50	8.15	9.00	Found in addition ground barley.
F. W. HUTCHISON & CO., New Castle, Pa. Hutchison 24% Dairy (7371) Hutchison 32% Dairy (7362)	26.53 31.63	24.00 33.00	4.09 4.35	4.00 4.50	10.47 9.66	12.00 8.50	Bone and beet pulp not detected. Found in addition beet pulp.
JUNIATA ROLLER MILLS, Thompsontown, Pa. Burns' Quality Dairy Feed 20% (7819)	21.25	20.00	3.64	3.50	8.08	10.00	Linseed oil meal not detected.
KASCO MILLS, INC., Waverly, N. Y. Apex 20% Dairy Ration (7053) Apex 20% Dairy Ration (7121) Kasco Mornilk Dairy Ration (7585) Kasco Open Formula 20% Dairy Ration (5555) Kasco Open Formula 20% Dairy Ration (7054) Kasco Sweet 18% Dairy Feed (7119)	23.44 22.53 26.08 22.13 22.94 17.53	20.00 20.00 24.00 20.00 20.00 16.00	4.28 4.25 3.85 3.89 4.30 4.10	3.50 3.50 4.50 3.50 3.50 3.50	7.72 12.35 7.25 7.37 7.61 14.28	12.00 12.00 10.00 10.00 10.00 12.00	As Certified As Certified As Certified As Certified As Certified Found in addition unground weed seeds.
Kasco 18% Dairy Ration (6557) Kasco 20% Milk Maker (5551) Co-Sak 24% Dairy Feed (7120)	21.44 25.25 25.19	16.00 20.00 24.00	3.91 4.00 4.33	3.50 4.00 4.00	8.19 7.67 11.57	10.00 11.00 12.00	As Certified As Certified Found in addition unground weed seeds.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
J. J. KENNEDY & SONS, Zelienople, Pa. Kennedy's Dairy Feed (7013)	20.50	20.00	4.35	4.00	6.58	10.00	As Certified
KERRTOWN MILLING CO., Meadville, Pa. Imperial Dairy Feed (7667)	22.50	24.00	4.12	4.00	7.29	11.00	Soybean oil meal not detected. Found in addition ground buckwheat.
THE LARROWE MILLING CO., Detroit, Mich. Larrows's 16% Dairy Feed (7359)	16.19	16.00	3.34	3.00	10.59	11.00	As Certified
Larro The Ready Ration for Dairy Cows (7366)	23.31	20.00	3.86	3.78	9.69	12.00	As Certified
LOTTVILLE MILLING & SUPPLY CO., Lottville, Pa. Brokenetraw Dairy Ration (7008)	23.19	20.00	4.85	5.00	7.92	10.00	Found in addition brewers dried grains.
Brokenetraw Dairy Ration (7009)	28.60	20.00	4.79	5.00	7.97	10.00	Found in addition brewers dried grains.
LYCOMING MILLS, Williamsport, Pa. Dairy Feed (7199)	25.26	24.00	4.26	4.50	6.62	9.50	As Certified
McMILLEN FEED MILLS, INC., Port Wayne, Ind. Big C 16% Dairy Feed (6743)	17.66	16.00	2.70	3.00	13.09	15.00	Found in addition malt sprouts and brewers dried grains.
Big C 16% Dairy Feed (7803)	17.89	16.00	2.29	3.50	14.20	15.00	Found in addition malt sprouts and brewers dried grains.
Master Mix 24% Dairy Feed (8744)	28.13	24.00	4.05	4.00	9.67	9.00	Found in addition malt sprouts.
Master Mixing Feed (7167)	27.13	24.00	5.06	3.00	6.05	6.00	As Certified
McQUISTON'S FEED STORE, Meadville, Pa. Milk Better 24% Dairy Feed (7573)	25.25	24.00	4.60	4.50	7.46	8.00	As Certified
Special 18% Dairy Feed (7572)	18.58	18.00	3.83	4.00	10.91	11.00	As Certified
W. H. MANSECK & CO., Mifflin, Pa. Juniata Dairy Feed (7615)	21.83	19.60	6.00	4.30	8.84	8.50	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. Farmers 8-B Mixing Feed (8899)	32.25	32.00	5.44	6.00	9.70	10.00	Found in addition malt sprouts.
Farmers 8-B Mixing Feed (8923)	32.89	32.00	4.98	5.00	9.32	10.00	As Certified
H1-Test Dairy Feed 20%-Sweetened (8764)	22.00	20.00	4.45	4.00	11.75	12.00	Found in addition small amount unground weed seed.
H1-Test Dairy Feed 20%-Sweetened (6890)	22.56	20.00	5.15	4.00	11.57	12.00	Found in addition unground weed seeds and malt sprouts.
H1-Test Dairy Feed 20%-Sweetened (7235)	21.94	20.00	4.00	4.00	12.67	12.00	As Certified
H1-Test Dairy Feed 24%-Sweetened (6755)	25.44	24.00	6.45	4.00	11.17	12.00	Found in addition small amount unground seeds.
H1-Test Dairy Feed 24%-Sweetened (5891)	26.25	24.00	5.29	4.00	10.14	12.00	Found in addition malt sprouts.
Marmico 16% Protein Dairy Feed with Molasses (6753)	18.13	16.00	4.08	4.00	12.80	12.00	Found in addition small amount unground weed seeds and oat meal mill by-products.
R. C. MEEK ESTATE, Allanwood, Pa. M. C. O. 20% Dairy Ration (7606)	22.13	20.00	4.04	4.00	8.20	12.00	As Certified
M. C. O. 24% Dairy Ration (7606)	23.69	24.00	4.38	4.00	7.87	12.00	As Certified
THE MERCER MILLING CO., Mercer, Pa. Davis 18% Dairy Feed (7388)	18.38	18.00	4.00	4.00	10.97	11.00	Linseed oil meal, cereal feed and steamed bone not detected. Found in addition alfalfa meal.
Davis 24% Dairy Feed (7387)	24.75	24.00	4.33	5.00	7.45	10.00	Found in addition beet pulp.
THE MIFFLINBURG FARMERS EXCHANGE Mifflinburg, Pa. Farmers' Dairy Cow Milk Producer (6628)	20.56	20.00	3.83	3.50	8.89	9.00	Found in addition small amount ground grain screenings.
Farmers' Own 32% Dairy Feed (6631)	33.69	32.00	4.78	4.50	8.66	9.00	As Certified
MIFFLINBURG FLOUR & FEED MILL, Mifflinburg, Pa. Ideal 20% Dairy Feed (6627)	24.81	20.00	4.55	4.00	9.17	10.00	Minerals: Calcium carbonate and bone meal. Found in addition brewers dried grains and small amount ground grain screenings.
THE MIDLAND MILLING & SUPPLY CO., Midland, Pa. Burton 16% Dairy Ration (6846)	17.69	16.00	4.07	5.00	15.67	14.00	Linseed oil meal not detected. Found in addition malt sprouts and beet pulp.
Economy 24% Dairy Ration (6844)	23.56	24.00	4.08	3.50	14.28	11.00	Found in addition brewers dried grains and cottonseed meal.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GEO. Q. MOON & CO., INC., Singhamton, N. Y. U. S. 20% Dairy Ration (7343) U. S. 24% Dairy Ration (7344)	21.00 26.25	20.00 24.00	4.65 4.23	4.00 3.00	7.90 11.28	12.00 12.00	As Certified As Certified
MOSES BROTHERS CO., INC., Eeton, N. Y. Cromo Dairy Feed (7036) 3MMM Dairy Ration (7037)	21.06 25.00	18.00 24.00	5.28 4.70	4.00 5.00	8.73 6.72	10.00 10.00	As Certified As Certified
NICKEL PLATE FLOUR MILLS, Erie, Pa. Cow Feed (7107)	23.38	20.00	4.83	3.50	9.70	10.00	Minerals Identified: Charcoal and calcium carbonate.
P. J. OESTERLING & SON, Butler, Pa. Cash and Carry 24% Dairy Ration (7444) Our Special 20% Dairy Feed with Iodine (7443)	28.31 25.38	24.00 20.00	3.34 3.56	3.50 3.00	8.95 8.03	12.00 12.00	As Certified As Certified
PARK & POLLARD CO., Buffalo, N. Y. Sidwell 20% Dairy Ration (7082) Doublex 16% Dairy Ration (7061) Doublex 16% Dairy Ration (7083) Doublex 16% Dairy Ration (7290)	22.06 20.00 21.69 17.81	20.00 16.00 16.00 16.00	3.43 4.08 4.68 3.91	3.50 3.50 3.50 3.50	10.64 13.63 10.60 12.80	11.00 11.00 11.00 11.00	As Certified As Certified As Certified Lined oil meal not detected. Found in addition alfalfa meal
Doublex 20% Dairy Ration (7062) Doublex 24% Dairy Ration (7084) Menamar Dairy Mixing Ration (701B) Perk and Pollard 32% Mixing Ration (7019)	22.88 26.75 26.38 29.38	20.00 24.00 26.00 32.00	3.40 3.03 4.29 4.84	3.50 3.50 4.00 4.00	10.27 9.67 7.95 8.30	11.00 11.00 9.00 9.00	As Certified As Certified As Certified As Certified
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC., Harrisburg, Pa. 16% Dairy (6760) 32% Supplement for Dairy Cows and Steers (6769) Milk Maker 24% (6759)	19.88 31.88 26.63	16.00 32.00 24.00	4.40 6.13 5.88	3.50 4.00 4.00	10.67 10.66 7.61	12.00 10.00 10.00	As Certified As Certified As Certified
PETERSBURG MILLING CO., Bessemer, Pa. Pemco Dairy Feed (7399)	24.75	24.00	3.04	4.00	7.09	10.00	Found in addition beet pulp and brewers dried grains.
PHELPS & SIBLEY CO., Cuba, N. Y. P. S. Dairy Ration (7363) ToFor Dairy Ration (7362)	25.25 26.06	20.00 24.00	4.43 4.10	4.00 4.00	8.75 7.80	10.00 10.00	As Certified As Certified
PRATT FOOD CO., Ramond, Ind. Pratt's 8-P Dairy Feed (6907) Utility Sweet 24% Dairy Feed (6906)	23.81 26.19	21.00 24.00	4.58 4.70	4.00 4.00	8.17 8.76	10.00 10.00	As Certified As Certified
PRESTON & JAQUISH, Troy, Pa. Sweepsteke Milk Maker (7364)	25.13	22.00	4.31	5.00	8.32	9.50	As Certified
PRESTON'S INC., Canton, Pa. Preston's 16% Dairy (7231)  Sweet Dairy #3 (7232)	23.06 23.94	16.00 20.00	4.83 4.65	3.50 4.00	9.07 7.98	12.00 8.00	Found in addition brewers dried grains and corn gluten feed. Found in addition brewers dried grains.
THE QUAKER OATS CO., Chicago, Ill. Queker 16% Dairy Ration (7426) Queker 24% Dairy Ration (6911) Queker 24% Dairy Ration (7671) Queker Schumacher Feed (6975)	21.94 26.19 26.94 11.50	16.00 24.00 24.00 10.00	3.51 3.73 3.68 4.18	3.00 3.50 3.50 3.00	10.53 11.18 11.14 11.67	12.00 12.00 12.00 12.00	As Certified As Certified As Certified Soybean oil meal not detected.
RALSTON PURINA CO., St. Louis, Mo. Protene 16% Dairy Feed (6723) Protene 20% Dairy Feed (6725) Protene 20% Dairy Feed (6927) Protene 24% Dairy Feed (6726) Purine Bulky Les Chow (6562) Purine Bulky Les Chow (6926) Purine Dry end Freshening Cow Chow (69B8) Purine Dry end Freshening Cow Chow (7346) Purine Dry end Freshening Cow Chow (745B) Purine Heifer Growing Chow (6928) Purine Milking Cow Chow 20% (6559) Purine Milking Cow Chow 20% (70BB) Purine Milking Cow Chow 24% (6554) Purine Milking Cow Chow 24% (6767) Purine Milking Cow Chow 24% (6989) Purine Milking Cow Chow 24% (7090) Purine Milking Cow Chow 34% (6553) Purine Milking Cow Chow 34% (6724)	18.50 21.88 23.13 26.63 12.38 12.75 14.81 15.88 15.50 17.69 23.50 22.13 28.56 26.50 26.44 27.19 36.00 34.88	16.00 20.00 20.00 24.00 9.00 9.00 12.50 12.50 12.50 14.00 20.00 20.00 24.00 24.00 24.00 24.00 34.00 34.00	4.60 4.57 4.43 4.10 2.14 2.45 3.12 2.78 2.58 3.41 4.22 3.78 5.00 4.70 4.55 4.60 4.82 4.80	3.50 3.50 3.50 3.50 1.30 1.30 2.50 2.50 2.50 2.50 4.00 4.00 4.00 4.00 4.00 4.00 3.50 3.50	11.55 12.09 10.20 9.07 10.26 11.60 11.39 13.57 13.06 9.27 8.23 9.17 9.15 11.30 11.54 11.57 9.27 10.18	14.00 12.00 12.00 12.00 15.00 15.00 14.00 14.00 14.00 14.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
GEO. L. REED MILLING CO., INC., Brookville, Pa. Triangle 16% Dairy Feed (7212)  Triangle 20% Dairy Feed (7213)  Triangle 32% Mixing Supplement Dairy Feed (7214)  W. A. REED ESTATE, Paxinos, Pa. Shemrock Special Dairy Feed (6550)	18.88 22.69 33.25 23.13	16.00 20.00 32.00 20.00	3.03 3.13 4.65 4.29	4.00 4.00 6.00 3.19	8.00 9.72 7.31 7.98	12.00 11.00 7.00 9.00	Found in addition brewers dried grains and beet pulp. Calcium carbonate identified as oyster shell. As Certified Found in addition ground buckwheat.
THE RICHARDS MILLING CO., Cortland, O. Richards 20% Beet Pulp Dairy Feed (6840)	24.31	20.00	4.53	4.50	7.85	10.00	Cocoonut oil meal not detected.



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Richard 20% Beet Pulp Dairy Feed (6869)	P. ct. 21.00	P. ct. 20.00	P. ct. 3.63	P. ct. 4.50	P. ct. 9.44	P. ct. 10.00	As Certified
H. ROCKWELL & SON, Centon, Pe. Centon 16% Dairy Ration (7687)	22.06	16.00	4.22	4.00	10.82	12.00	Ground millet not detected.
ROUX FEED MILLS, Sharon, Pe. Roux 16% Dairy Feed (6701)	16.69	16.00	2.67	3.50	12.99	12.00	Beet pulp, linseed oil meal end bone meal not detected. Found in addition toasted wheat bren.
Roux 20% Dairy Feed (6700)	25.50	20.00	3.36	4.00	11.12	12.00	Beet pulp, linseed oil meal, end bone meal not detected. Found in addition soybean meal end toasted wheat bren.
Roux 24% Dairy Feed (6699)	25.19	24.00	3.76	4.00	10.47	12.00	Beet pulp, linseed oil meal end bone meal not detected. Found in addition toasted wheat bren.
Roux 32% Dairy Feed (6702)	37.38	32.00	4.23	5.00	6.93	9.00	Steamed bone meal not detected.
S. E. RUMPF, New Milford, Pe. Will-Win Dairy Feed (7681)	25.44	23.00	3.66	4.00	7.18	10.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pe. Iron City Dairy Feed (6708)	18.81	16.00	3.39	3.00	11.68	12.00	As Certified
Red Letter Dairy Feed (6873)	23.75	20.00	5.27	4.00	9.05	12.00	As Certified
Red Letter Dairy Feed (7661)	22.94	20.00	3.49	4.00	10.20	12.00	As Certified
Shedyside 24% Dairy Feed (6707)	26.94	24.00	4.04	4.00	11.39	11.00	Calcium carbonate not detected.
Shedyside 24% Dairy Feed (7450)	26.63	24.00	3.97	4.00	11.13	11.00	As Certified
Shedyside 24% Dairy Feed (7667)	24.56	24.00	3.30	4.00	11.17	11.00	As Certified
Shedyside Special Dairy (6709)	22.81	20.00	3.91	4.00	9.17	12.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pe. Economy 20% Dairy Feed (6787)	20.19	20.00	4.35	3.60	12.60	12.00	As Certified
Templeton's 20% Dairy Feed (6786)	21.44	20.00	4.95	4.50	9.09	9.00	As Certified
THRIFT FEED MILL, Doylestown, Pe. Emergency 16% Dairy (6924)	21.88	18.00	3.58	3.00	10.42	12.00	As Certified
Thriftee 20% Dairy Feed (6917)	21.94	20.00	4.20	4.00	7.45	8.50	As Certified
Thriftee 24% Dairy Feed (6916)	27.31	24.00	4.43	4.00	7.55	8.50	As Certified
TICCA MILLS, INC., Weverly, N. Y. 24% Creamline (6665)	27.06	24.00	4.53	4.50	7.81	10.00	As Certified
Derby Dairy Feed (6667)	23.44	20.00	4.05	3.50	12.44	12.00	As Certified
E-Cee 20% Dairy Feed (6679)	22.38	20.00	4.36	3.50	8.05	10.00	As Certified
E-Cee 32% Feed (6668)	34.38	32.00	4.78	4.50	8.41	10.00	As Certified
Red Brand Tige Dairy Feed (6678)	26.44	24.00	4.58	4.50	8.61	10.00	As Certified
THE TOLEDO GRAIN & MILLING CO., Toledo, Ohio Cloverdale Dairy Ration (7677)	26.25	20.00	5.14	4.00	10.73	9.00	Found in addition large amount unground weed seed, brewers dried grains, malt sprouts, ground grain screenings.
Red Ball 24% Dairy Ration (7437)	28.00	24.00	4.79	4.00	11.00	12.00	As Certified
THE UBIKO MILLING CO., Cincinnati, O. Clover Bloom Sweet 16% Feed (7489)	21.31	16.00	5.05	3.00	8.79	12.00	As Certified
24% Sun Beam Dairy Ration (7227)	24.25	24.00	4.75	3.50	9.20	12.00	As Certified
24% Sweet Union Creins (7253)	23.56	24.00	5.05	4.00	7.40	10.00	As Certified
24% Sweet Union Grains (7608)	26.19	24.00	4.74	4.00	8.36	10.00	As Certified
24% Sweet Union Creins (7652)	25.19	24.00	4.73	4.00	8.40	10.00	As Certified
32% Sweet Union Creins (7252)	34.75	32.00	3.88	4.00	7.82	10.00	As Certified
32% Sweet Union Grains (7609)	34.75	32.00	3.26	4.00	7.01	10.00	As Certified
THE URBANA MILLS CO., Urbane, Ohio Urbane 24% Dairy Ration (7248)	25.38	24.00	3.63	3.50	10.95	12.00	Linseed oil meal not detected. Found in addition melt sprouts.
VANDERVORT MILLS, Leceyville, Pe. Vandervort's 12% Dairy Ration (7335)	14.75	12.00	5.03	3.00	6.72	9.00	As Certified
Vandervort's 16% Dairy Ration (7341)	17.19	16.00	4.53	4.50	9.93	8.00	As Certified
Vandervort's 18% Dairy Ration (7340)	18.94	18.00	4.58	4.00	5.67	11.00	As Certified
Vandervort's 20% Special Dairy Ration (7332)	22.06	20.00	5.28	4.50	6.66	7.00	Found in addition linseed oil meal.
Vandervort's 24% Dairy Ration (7193)	23.75	24.00	5.23	4.50	7.72	7.50	As Certified
Vandervort's 24% Dairy Ration (7333)	24.25	24.00	4.85	4.50	8.41	7.50	As Certified
Vandervort's 32% Dairy Ration (7334)	31.19	32.00	4.60	4.00	6.89	6.00	As Certified
Vandervort's Open Formule 24% Dairy Ration (7342)	26.56	24.00	3.85	3.00	7.74	8.50	As Certified
VEACH COMPANY, New Castle, Pe. Veech Dairy Feed (7384)	23.86	20.00	3.38	3.50	8.07	10.00	Found in addition brewers dried grains and malt sprouts.
VITALITY MILLS, INC., Chicago, Ill. Circle Bee 24% Dairy Feed (7697)	24.94	24.00	3.35	3.50	8.85	11.00	As Certified
Honey Bee Dairy Feed (7696)	19.00	16.00	2.67	3.00	9.24	12.00	As Certified
A. E. VOCEL, Telford, Pe. Vogel's Dairy Feed (6991)	24.50	20.00	4.00	3.00	9.61	12.00	As Certified
WALDO BROTHERS, Wysox, Pe. Walbro Dairy Ration (6590)	27.13	21.00	4.20	4.00	8.26	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
WARNER'S MILL, Alliance, Ohio Warner's 20% Dairy (6650)	21.19	20.00	3.53	3.80	13.60	12.00	Linseed oil meal not detected. Found in addition unscreened flaxseed oil cake meal.
WARREN CITY MILLS, Warren, Pa. Cook's Dairy Feed (6938)	21.25	19.00	4.96	3.00	6.12	6.00	Found in addition ground buckwheat.
Special Dairy Feed (6929)	21.59	20.00	5.60	3.50	7.20	9.00	As Certified
WELLES MILL CO., Wyalusing, Pa. Wellco 20% Dairy Ration (6580)	22.06	20.00	3.49	4.00	9.43	11.00	As Certified
R. R. WENTZEL & SONS, Newport, Pa. Perry Dairy Feed 24% (7622)	26.13	24.00	5.54	4.50	6.64	10.00	As Certified
Perry Dairy Feed 32% (7621)	33.61	32.00	4.83	4.50	6.95	10.00	As Certified
WESTERN FLOUR CO., Charleroi, Pa. Economy's 16% Dairy Feed (7636)	21.50	16.00	6.13	3.50	9.33	12.00	Found in addition soybean meal.
Economy's 20% Dairy Feed (7537)	24.00	20.00	4.56	4.00	6.81	11.50	As Certified
Economy's 24% Dairy Feed (7639)	25.68	24.00	4.60	3.50	6.53	11.00	As Certified
A. H. WHITE, Monroeton, Pa. White's Bradco Dairy Ration (6593)	24.05	20.00	4.96	4.00	6.61	7.00	Bone meal and linseed meal not detected.
Average	25.06	-----	4.26	-----	9.31	-----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. Wayne Horse Feed (7026)	10.94	9.50	3.84	3.00	5.60	6.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Horse Feed (6794)	11.53	6.00	3.44	3.00	7.59	15.00	Linseed oil meal not detected.
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Horse Feed (7693)	12.25	11.00	3.72	3.50	6.40	6.00	Found in addition ground buckwheat.
BELLEVILLE FLOUR MILLS CO., Belleville, Pa. Big Valley Horse and Mule Feed (7163)	13.44	10.00	3.53	3.00	7.37	12.00	Barley not detected. Found in addition animal charcoal.
BLANK & GOTTSHALL CO., INC., Sunbury, Pa. Alfalfa Molasses Horse Feed (6613)	11.50	10.00	3.10	3.00	7.17	6.00	As Certified
THE BUCKEYE CEREAL CO., Maesillon, O. Energy Horse Feed (7416)	11.94	6.50	3.25	3.00	7.55	6.00	Found in addition ground barley.
J. A. CLARK, Weigh Scales, Pa. Clark's Fitting Ration (6546)	19.31	16.00	4.33	4.50	6.22	12.00	As Certified
COOPERATIVE G. L. F. MILLS, INC., Buffalo, N. Y. Fitting Ration (6586)	16.19	13.00	4.25	3.00	6.15	6.50	As Certified
Fitting Ration (6645)	15.66	13.00	4.73	3.00	7.40	6.50	As Certified
Fitting Ration (6945)	15.66	13.00	3.95	3.00	5.10	6.50	As Certified
Horse Feed (6567)	14.13	9.00	4.60	3.50	6.66	9.00	As Certified
Horse Feed (6671)	12.00	9.00	4.04	3.50	6.76	9.00	As Certified
Horse Feed (6941)	11.50	9.00	4.19	3.50	5.92	9.00	As Certified
Horse Feed (7474)	12.13	9.00	3.67	3.50	7.54	9.00	As Certified
EASTERN STATES FARMERS EXCHANGE, Springfield, Mass. Fitting Ration (7553)	14.31	12.00	4.03	3.50	6.83	6.00	As Certified
Fitting Ration (7714)	14.31	12.00	3.94	3.50	6.26	6.00	As Certified
Horse Feed (7130)	11.69	10.50	4.17	3.00	6.22	7.00	As Certified
Horse Feed (7555)	11.75	10.50	3.72	3.00	6.03	7.00	As Certified
J. W. ESPELMAN & SONS, Lancaster, Pa. Coneetoga Horse Feed (7076)	11.75	9.00	3.95	3.00	6.30	10.00	As Certified
Coneetoga Horse Feed (7327)	12.19	9.00	3.71	3.00	7.30	10.00	As Certified
Red Rose 65% Horse Feed (7521)	11.13	9.00	4.37	3.00	7.23	10.00	Linseed oil meal not detected.
Lancaster 60 Horse Feed (7326)	11.56	9.00	2.90	2.50	12.04	11.00	As Certified
HONESDALE FLOUR & FEED CO., Honesdale, Pa. Tru-Mix Fitting Ration (6691)	15.06	15.00	4.50	4.50	7.12	6.00	Found in addition ground barley.
KASCO MILLS, INC., Waverly, N. Y. Kasco Special Horse and Mule Feed (7257)	12.35	10.00	3.05	3.00	7.01	12.00	As Certified
Oc-Sak Horse Feed (7117)	9.75	9.00	2.40	2.25	15.65	12.00	As Certified
J. J. KENNEDY & SONS, Zellenople, Pa. Kennedy's Stock Feed (7014)	11.06	6.50	3.56	3.00	10.30	11.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. Bull Brand Horse Feed (6912)	12.63	6.00	4.03	2.00	7.42	10.00	As Certified
Molasses Base Feed 16% (7234)	16.75	16.00	3.47	4.00	11.11	12.00	Found in addition blood meal.
NOWAK MILLING CORP., Hammond, Ind. Domino Horse Feed (7649)	9.04	9.00	2.43	3.00	9.92	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
PARK & POLLARD CO., Buffalo, N. Y. Park and Pollard Horse Feed (7289)	12.61	10.00	4.08	3.50	6.25	9.00	As Certified
Yankee Horse Feed (7081)	12.94	10.00	4.33	3.50	6.50	9.00	As Certified
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC., Harrisburg, Pa. Horse Feed (5771)	12.38	9.00	3.79	3.50	5.32	9.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Omolene (5555)	12.66	10.00	3.63	3.20	7.99	9.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter Brand Alfalfa Horse Feed (6708)	9.22	6.00	2.51	0.50	8.80	14.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Conditiontine (6663)	19.81	15.50	5.52	4.00	8.07	6.50	As Certified
Or-Co Feed (6565)	20.88	16.00	4.49	2.80	9.90	12.00	As Certified
THE UBIKO MILLING CO., Cincinnati, O. Crusader Horse Feed (7650)	11.31	9.00	3.62	2.00	10.06	10.00	As Certified
Honey Comb Fitting Ration (7223)	14.00	12.00	2.88	2.50	11.80	15.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Advance Stock Feed (7898)	12.31	7.00	3.76	2.00	12.09	12.00	Found in addition small amount ground grain screenings.
WARNER'S MILL, Alliance, Ohio Warner's 65% Quality Horse Feed (6657)	9.36	9.00	2.55	3.00	9.05	12.00	As Certified
Average	13.04	-----	3.75	-----	8.07	-----	
<u>Proprietary Calf Meal</u>							
COOPERATIVE O.L.F. MILLS, INC., Buffalo, N. Y. Calf Starter (6665)	21.53	18.00	3.93	3.00	2.55	4.00	As Certified
EASTERN STATES FARMERS EXCHANGE Springfield, Mass. Calf Starter (7548)	25.94	23.00	4.47	4.00	3.30	4.00	As Certified
Calf Starter (Pellets) (7549)	23.13	23.00	4.61	4.00	3.82	4.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Red Rose Calf Starter (6973)	22.66	20.00	4.76	3.00	4.12	5.00	As Certified
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC., Harrisburg, Pa. Calf Meal (6756)	20.69	19.00	4.63	4.00	3.86	4.50	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Calf Starting Chow (6856)	29.56	27.00	4.69	3.20	4.17	5.00	As Certified
OEO. L. REED MILLING CO., INC., Brookville, Pa. Triangle Calf Meal (7208)	23.61	23.00	4.28	3.60	5.29	4.00	As Certified
Average	23.95	-----	4.51	-----	3.87	-----	
<u>Proprietary Swine Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Swine Feed (7144)	21.94	19.00	4.95	4.00	6.65	6.00	As Certified
ALLIED MILLS, INC., Chicago, Ill. Wayne Hog Supplement (7478)	40.81	40.00	5.02	4.50	6.51	7.00	As Certified
Wayne Hog Supplement (7719)	42.25	40.00	5.17	4.50	5.31	7.00	As Certified
Wayne Pork Maker (7025)	15.66	14.00	4.53	3.50	5.58	7.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Hog Feed (5737)	21.13	15.00	9.44	3.00	6.93	7.00	As Certified
Altman's Hog Feed (5797)	22.13	15.00	3.23	3.00	7.72	7.00	Linseed oil meal not detected. Found in addition brewers dried grain and malt sprouts.
Altman's Hog Feed (7405)	21.54	15.00	7.62	3.00	6.44	7.00	As Certified
Altman's Hog Feed (7495)	20.25	18.00	9.27	3.00	6.04	7.00	Found in addition brewers dried grain.
Altman's Hog Feed (7532)	19.25	15.00	5.86	3.00	7.45	7.00	As Certified
BALD EAGLE FEED & COAL CO., Lock Haven, Pa. Bald Eagle Hog Meal (7240)	19.00	16.00	3.46	4.00	4.75	7.00	Found in addition malt sprouts.
R. A. BATES & SON, Knoxville, Pa. Oak Leaf Pig and Hog Grower (7592)	15.81	15.00	4.50	4.00	6.37	5.00	Found in addition linseed oil meal.
BELLEVILLE FLOUR MILLS CO., Belleville, Pa. Blue Ribbon Pig Meal (7159)	15.19	15.00	3.30	3.50	9.00	12.00	Found in addition ground bone.
BLANK & COTTSHALL CO., INC., Sunbury, Pa. B. & C. Hog Feed (5512)	18.00	17.00	5.01	4.00	11.17	10.00	As Certified
BROWN & PASSETT, Tunkhannock, Pa. B. & P. Hog Ration (7594)	19.25	17.00	4.91	5.00	5.32	8.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Our Quality Pig Ration (7378)	16.86	15.50	3.88	4.50	4.52	5.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CAMPBELL'S MILLS, Lewisburg, Pa. Campbell's Hog Meal (7601)	18.00	16.00	3.89	4.00	7.18	7.00	As Certified
J. A. CLARK, Weigh Scalee, Pa. Clark's Hog Meal (6542)	19.88	16.00	4.90	4.50	7.71	8.00	As Certified
COOPERATIVE G.L.F. MILLS, INC., Buffalo, N. Y. Hog Feed (6564)	16.13	14.00	4.76	3.50	5.32	6.00	Found in addition ground bone.
Hog Feed (6942)	16.00	14.00	5.00	3.50	5.42	6.00	As Certified
Hog Feed (7187)	16.19	14.00	4.70	3.50	5.35	6.00	As Certified
Hog Feed (7472)	18.76	17.00	5.30	3.50	4.72	6.00	Found in addition bone.
DIETRICH & GAMBRILL, INC. Frederick, Md. Gambrill's Hog Feed (7274)	20.31	18.00	4.27	4.00	7.56	8.00	As Certified
EASTERN STATES FARMERS EXCHANGE Springfield, Mass. Hog Meal (7206)	16.50	14.50	5.20	4.00	4.80	6.00	As Certified
Hog Meal (7550)	16.88	14.50	4.78	4.00	4.48	5.00	As Certified
Hog Meal (7709)	16.63	14.50	4.00	4.00	4.92	5.00	As Certified
Hog Supplement (7538)	43.25	40.00	8.98	7.50	3.94	4.00	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Red Rose Pig and Hog Meal (7530)	20.19	16.00	5.45	5.00	8.40	10.00	As Certified
FARM BUREAU MILLING CO., INC., Chicago, Ill. Pork Maker 44% (7422)	46.31	44.00	5.18	5.00	6.36	6.50	As Certified
GOOD'S CITY MILLS, INC., Williamsport, Pa. Good's Pig and Hog Meal (7191)	17.63	15.00	5.15	4.00	5.52	7.00	As Certified
GRANT'S FEED STORE, Meadville, Pa. Oro-Better Pig Meal (7570)	23.19	20.00	5.23	5.00	7.73	8.00	As Certified
HALES & HUNTER CO., Chicago, Ill. Pioneer Pig and Hog Feed (7269)	20.63	20.00	4.36	4.00	7.23	8.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa. Harper's Select Pig and Hog Meal (7664)	17.19	17.00	4.53	3.50	7.39	7.00	As Certified
E. R. HELLER, Wapwallopen, Pa. Best Pig Meal (6604)	16.25	15.00	4.35	4.50	5.54	7.00	Found in addition ground barley, ground buckwheat, alfalfa meal, and charcoal.
HENRY & MISSERT FEED CO., INC., Buffalo, N. Y. H. & M. Hog Ration (7046)	16.25	14.00	3.95	3.50	6.40	6.00	As Certified
M. E. HERR, Schuyler, Pa. Herr Pig Grower (7484)	19.56	16.00	3.51	4.50	7.79	10.00	Found in addition small amount ground grain screenings and linseed oil meal.
HOWARD MILLING CO., Howard, Pa. Our Best Pig Meal (7123)	19.00	17.00	4.80	4.00	6.81	8.00	As Certified
F. W. HUTCHISON & CO., New Castle, Pa. Hutchison Pig Feed (7381)	19.75	18.00	4.20	4.50	7.87	10.00	As Certified
JUNIATA ROLLER MILLS, Thompsontown, Pa. Burn's Quality Hog Feed (7616)	14.38	15.00	3.70	3.70	5.00	6.50	Linseed oil meal not detected.
KASCO MILLS, INC., Toledo, Ohio Kesco Pig and Hog Feed (7672)	20.75	17.00	4.83	4.50	7.92	7.50	As Certified
KERRTOWN MILLING CO., Meadville, Pa. Imperial Pig Meal (7566)	19.63	19.00	4.39	4.00	4.29	10.00	Found in addition chees and buckwheat.
McMILLEN FEED MILLS, INC., Fort Wayne, Ind. Master Mix 40% Hog Concentrate (7243)	43.13	40.00	4.20	4.00	9.25	8.00	As Certified
W. H. MANBECK & CO., Mifflin, Pa. Juniata Hog Feed (7614)	18.94	16.50	4.66	4.00	5.86	7.20	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y. 8-8 Pig and Hog Feed with Minerals (6757)	16.25	14.00	4.84	3.50	9.07	9.00	Found in addition small amount un- ground weed seeds.
MERCER MILLING CO., Mercer, Pa. Davie Hog Feed (7389)	17.81	16.00	4.93	4.00	8.66	9.00	Found in addition ground barley and corn gluten feed.
MIDLAND MILLING & SUPPLY CO., Midland, Pa. Burton Hog Grower (6842)	21.69	16.00	4.73	4.00	10.02	8.00	As Certified



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	
MIFFLINBURG FLOUR & FEED MILL, Mifflinburg, Pa. Pig Meal (6626)	18.06	18.00	4.52	4.00	3.90	8.00	Peanut oil meal not detected. Found in addition wood charcoal.
NEW CASTLE MILLING CO., New Castle, Pa. Pig Feed (7368)	18.94	17.00	6.25	5.00	6.35	6.00	Ae Certified
PARK & POLLARD CO., Buffalo, N. Y. Go-Tu-It Pig and Hog Ration (7282)	17.56	15.00	4.39	3.50	9.37	8.00	Found in addition soybean meal.
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC., Harrisburg, Pa. Complex Hog Mineral (6761) Pork Maker 41% (6770)	2.94 46.25	2.00 41.00	---- 6.45	---- 5.50	---- 6.77	---- 6.50	Ae Certified As Certified
PHELPS & SISLEY CO., Cuba, N. Y. Paeco Pig and Hog Feed (7598)	17.25	14.00	3.87	3.50	6.19	6.00	Ae Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Hog Fatena (7089) Purina Pig and Hog Chow (6985) Purina Pig and Hog Chow (7111)	16.81 39.56 38.88	14.00 36.00 36.00	4.23 5.13 5.46	3.00 3.00 3.00	6.40 10.17 9.97	7.00 14.00 14.00	Ae Certified Ae Certified Ae Certified
GEO. L. REED MILLING CO., INC., Brookville, Pa. Triangle Pig and Hog Meal (7435)	20.69	18.00	3.77	4.00	10.56	8.00	As Certified
H. HOCKWELL & SON, Canton, Pa. Hockwell's Pig Ration (7686)	16.44	14.00	4.87	4.25	4.24	6.00	Ae Certified
ROUX FEED MILLS, Sharon, Pa. Roux 40% Hog Meal (6704)	41.81	40.00	6.20	6.00	9.23	8.00	Steamed bone meal not detected. Found in addition ground bone.
Roux Pig Meal (6703)	20.44	18.00	5.30	4.50	8.00	10.00	Calcium carbonate not detected. Found in addition barley, steamed bone meal, and oyster shell meal.
Roux Pig Meal (6748)	19.63	18.00	5.84	4.50	7.02	10.00	Linseed oil meal not detected.
JESSE C. STEWART CO., Pittsburgh, Pa. Iron City Hog Feed (6711)	20.06	15.00	3.50	3.50	6.72	7.00	Found in addition distillers grains.
Iron City Hog Feed (7669)	20.06	15.00	4.50	3.50	7.15	7.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Ti-O-Ca Growing Shout Feed (6664)	19.69	15.00	4.67	4.00	6.94	8.00	Found in addition palm kernel meal.
Ti-O-Ca Growing Shout Feed (6677)	18.81	15.00	4.57	4.00	6.65	8.00	Ae Certified
THE TOLEDO GRAIN & MILLING CO., Toledo, Ohio Camp's Red Ball 18% Pig and Hog Meal (7436)	22.44	18.00	3.78	4.00	10.22	8.00	Ae Certified
THE UBIKO MILLING CO., Cincinnati, O. Pig and Sow Ration (7224)	18.63	16.00	4.30	4.00	8.22	8.00	As Certified
VEACH CO., New Castle, Pa. Veach Pig Feed (7385)	20.69	16.00	4.53	4.00	6.77	7.00	Found in addition soybean meal.
VITALITY MILLS, INC., Chicago, Ill. Hog Crower (7700)	18.31	15.00	3.62	3.50	7.63	6.50	Ae Certified
WALDO BROTHERS, Wysox, Pa. Walbro Pig Feed (6588)	16.88	12.00	4.33	4.00	5.63	6.00	Ae Certified
WARNER'S MILL, Alliance, Ohio Blue Ribbon 18% Pig and Hog Feed (6856)	20.75	18.00	4.33	4.50	7.55	6.50	Found in addition small amount of ground screenings.
WELLES MILL CO., Wyalusing, Pa. Peerless Pig Ration (6578)	16.69	13.00	4.34	5.00	4.58	8.00	Aa Certified
E. E. WENTZ, Lock Haven, Pa. Wentz's Pig and Hog Meal (6656)	18.81	16.00	4.65	4.00	6.79	7.00	Ae Certified
H. H. WENTZEL & SONS, Newport, Pa. Perry Pig Meal (7623)	19.13	17.00	5.60	4.00	5.00	7.00	As Certified
THE WHITE MILLING CO., Bloomsburg, Pa. Keystone Pig Meal (6641)	18.81	18.00	4.62	4.50	8.74	8.00	As Certified
Average	21.39	-----	4.88	-----	6.87	-----	
<u>PROPRIETARY CHOP FEED</u>							
<u>Corn and Oats Chop</u>							
H. O. AYER, Ulster, Pa. Corn and Oats Chop (6672)	11.88	9.00	5.57	4.00	8.68	8.00	As Certified
BELLEVILLE FLOUR MILLS CO., Belleville, Pa. Corn and Oats Chop (7164)	11.25	9.00	3.98	3.00	6.95	12.00	As Certified
BLANK & GOTTSCHALL CO., INC., Sunbury, Pa. Corn and Oats Chop (6618)	11.38	10.00	4.44	3.00	4.66	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
BROWN & FASSETT, Tunkhannock, Pa. Pure Corn and Oats Chop (7691)	18.31	10.00	9.16	3.00	6.74	8.00	As Certified
CONNEAUT GRAIN & FUEL CO., Conneaut, Ohio Chop (7586)	9.94	-----	6.88	-----	5.31	-----	Corn and oats.
THE DUNHAM MILLS, Wellaboro, Pa. Tyoga Corn and Oats Chop (6660)	11.60	10.00	6.68	6.50	4.91	7.00	As Certified
FARMERS COOPERATIVE ASSOCIATION, Wysok, Pa. Corn and Oats (6683)	10.88	10.00	3.60	3.96	10.38	4.74	As Certified
S. FOUCHT & SON, Hughesville, Pa. Corn and Oats Chop (7065)	10.94	9.00	4.08	3.50	6.82	8.00	As Certified
FRANKLIN FEED & SUPPLY CO., Franklin, Pa. Pure Corn and Oats Chop (6768)	11.88	9.00	4.48	3.00	6.66	7.00	As Certified
HOWARD MILLING CO., Roward, Pa. Pure Corn and Oats Chop (7124)	10.63	10.00	6.90	4.00	4.66	7.00	As Certified
KEYSTONE MILLS, Hughesville, Pa. Fresh Ground Corn and Oats Chop (7161)	10.44	10.00	3.66	4.00	6.18	6.00	As Certified
LYCOMING MILLS, Williamsport, Pa. Corn and Oats Chop (7800)	11.19	9.00	3.76	4.00	6.10	7.00	As Certified
THE MIDLAND MILLING & SUPPLY CO., Midland, Pa. Pure Corn and Oats Chop (6846)	18.00	10.00	4.11	4.00	6.66	6.00	As Certified
R. D. NEUFER (BRYAN MILLS), Hughesville, Pa. Corn and Oats Chop (7687)	10.44	10.86	3.76	6.76	3.63	3.60	As Certified
PRESTON'S INC., Canton, Pa. Pure Corn and Oats Chop (7828)	13.31	10.00	6.16	4.00	7.08	7.00	As Certified
L. E. RHODES, Selinsgrove, Pa. Mixed Chop (6686)	11.69	10.00	4.66	4.00	6.19	6.00	Corn and oats.
R. ROCKWELL & SON, Canton, Pa. Pure Corn and Oat Chop (7688)	11.66	10.00	4.60	3.76	6.62	8.00	As Certified
ROUX FEED MILLS, Sharon, Pa. Corn and Oats Chop (6697)	9.69	-----	3.86	-----	12.79	-----	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter Corn and Oats Chop (6716) Red Letter Corn and Oats Chop (7668)	11.13 10.76	9.00 9.00	4.08 6.76	3.76 3.76	6.61 6.48	6.00 6.00	As Certified As Certified
WARREN CITY MILLS, Warren, Pa. Corn and Oats Chop (6965)	11.13	9.00	4.64	3.00	6.07	8.00	As Certified
E. E. WENTZ, Look Raven, Pa. Pure Corn and Oats Chop (6666)	11.60	10.00	3.98	4.00	4.37	6.00	As Certified
Average	11.85	-----	4.37	-----	6.29	-----	
<u>Chop Feed</u>							
R. S. ALTMAN, Irwin, Pa. Altman's Chop (7410)	15.59	9.00	6.78	6.50	11.04	12.00	As Certified
Altman's Special Chop (6729)	10.76	9.00	4.16	4.00	8.04	10.00	As Certified
Altman's Special Chop (6798)	9.88	9.00	3.26	4.00	7.43	10.00	As Certified
Altman's Special Chop (6888)	10.13	9.00	4.00	4.00	9.28	10.00	As Certified
Altman's Special Chop (7411)	10.63	9.00	3.89	4.00	8.78	10.00	As Certified
Altman's Special Chop (7685)	9.94	9.00	3.64	4.00	8.65	10.00	As Certified
S. FOUCHT & SON, Hughesville, Pa. Rye and Oats Chop (7066)	11.75	8.00	3.74	2.60	7.24	10.00	As Certified
HALES & HUNTER CO., Chicago, Ill. Pioneer Chop (7870)	9.44	8.00	3.31	3.00	10.00	11.00	As Certified
THE HERRMAN-McLEAN CO., Cleveland, O. Sugared Ohio Chop Feed (6904)	10.60	8.00	3.46	2.00	10.91	12.00	Found in addition peanut skin meal and coconut oil meal.
KASCO MILLS, INC., Waverly, N. Y. Apex Sugared Chop (7118)	13.81	10.00	3.42	3.00	14.16	18.00	Found in addition corn gluten feed.
KEYSTONE MILLS, Hughesville, Pa. Rye and Oats Chop (7155)	18.31	11.00	8.98	8.60	4.90	5.00	As Certified
R. D. NEUFER (BRYAN MILLS), Hughesville, Pa. Oat Chop (7686)	10.66	9.60	3.36	6.60	10.39	10.50	Buckwheat hulls and middlings not detect- ed. Found in addition brewers dried grains, cotton- seed meal and alfalfa
THE RICHARDS MILLING CO., Cortland, O. Sweet Special Chop (6882)	9.63	8.00	6.16	3.00	7.40	12.00	As Certified
ROUX FEED MILLS, Sharon, Pa. Roux Chop (6698)	16.13	10.00	4.83	3.26	12.62	12.00	As Certified



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
WESTERN FLOUR CO., Charleroi, Pa. Economy's Chop Feed (7641)	10.50	9.00	4.96	3.50	10.00	12.00	As Certified
Average	11.25	----	4.05	----	9.38	-----	
<u>PROPRIETARY POULTRY SCRATCH AND</u>							
<u>MASH FEED</u>							
<u>Scratch Feed</u>							
ANDERSEN BROTHERS, Sugar Grove, Pa. Home Mixed Scratch Feed (7005)	10.83	10.00	2.88	2.50	1.75	3.00	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill. Sunkist Chick Grains (6851)	11.50	10.00	2.90	2.50	1.80	5.00	As Certified
BLANK & GOTTSPALL CO., INC., Sunbury, Pa. Chick Food Invigorator (8817)	12.31	10.50	4.54	2.25	2.11	4.00	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Our Quality Mixed Grains (7379)	10.50	9.00	2.68	2.00	2.37	5.00	Found in addition oats.
BUCKEYE CEREAL CO., Massillon, Ohio Equity Conditioning Scratch (6878)	12.38	9.50	3.75	2.50	6.19	4.00	As Certified
COLLEGEVILLE MILLS, Collegeville, Pa. Perkioan Scratch Feed (6996)	10.95	10.00	2.65	3.00	2.68	3.00	As Certified
CONNENAUT GRAIN & FUEL CO., Conneaut, Ohio Blue Star Scratch Feed (7583)	10.50	10.00	2.75	3.00	2.35	5.00	Sunflower seed not detected.
COOPERATIVE G.L.F. MILLS, INC., Buffalo, N. Y. Chick Scratch (8944)	10.88	10.00	2.05	2.00	2.17	3.00	As Certified
ALBERT DICKINSON CO., Chicago, Ill. Globe Chick Starter (7512)	11.94	10.00	2.45	2.50	1.77	3.75	As Certified
Rival Poultry Scratch (7511)	11.38	10.00	2.83	2.50	2.48	5.00	As Certified
R. J. DUNHAM, Wellsboro, Pa. Tyoga Mixed Grains for Poultry (6649)	10.69	10.00	3.35	3.00	3.15	5.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y. Daily Egg Scratch Feed (6957)	11.31	10.00	3.19	2.50	2.50	5.00	As Certified
Daily Egg Scratch Feed (7264)	11.44	10.00	2.83	2.50	2.87	5.00	As Certified
Daily Growth Fine Chick Feed (6953)	12.50	10.00	3.34	3.00	2.10	5.00	Found in addition whole weed seeds consisting of binder- weed and cockle.
HALES & HUNTER CO., Chicago, Ill. Morning Glory Scratch Feed (7267)	11.69	10.00	2.45	2.50	3.29	5.00	As Certified
J. J. KENNEDY & SONS, Zellenople, Pa. Kennedy's Scratch Grains (7015)	11.63	10.00	2.53	2.50	3.73	5.00	As Certified
THE MIDLAND MILLING & SUPPLY CO., Midland, Pa. Burton Scratch Grains (6848)	10.13	10.00	2.77	3.00	2.22	9.00	As Certified
NICKEL PLATE FLOUR MILLS, Erie, Pa. Nickel Plate Scratch Feed (7106)	10.88	-----	2.65	----	3.56	----	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Intermediate Chick Feed (7256)	11.19	10.00	3.16	2.00	2.60	3.50	As Certified
Park and Pollard Chick Scratch (7287)	14.25	10.00	3.46	2.00	2.02	3.00	As Certified
Park and Pollard Economy Scratch (7277)	12.56	10.00	2.39	1.50	2.80	5.00	As Certified
Park and Pollard Pelleted Scratch (7288)	14.25	12.00	4.53	3.00	6.64	6.00	As Certified
PRATT FOOD CO., Philadelphia, Pa. Pratt's Pigeon Feed No Corn (6998)	13.50	12.00	2.92	2.00	3.96	4.00	As Certified
RAILSTON PURINA CO., St. Louis, Mo. Purina Chick Chow (6982)	13.44	10.00	3.15	2.00	2.84	4.00	As Certified
GEO. L. REED MILLING CO., INC., Brookville, Pa. Big Hen Scratch Feed (7209)	12.13	9.00	2.83	3.00	3.70	8.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa. Red Letter Chick Feed (6716)	12.13	10.00	5.52	2.50	2.70	5.00	As Certified
Shadyside Scratch Feed (7501)	11.31	9.00	2.27	2.50	2.25	5.00	Barley and oats not detected. Found in addition cheese (cheat)
WARREN CITY MILLS, Warren, Pa. Scratch Feed (6932)	11.31	10.00	3.15	2.50	3.65	5.00	As Certified
Average	11.76	-----	3.06	----	2.93	----	
<u>Mash Feed</u>							
ACME MILLING CO., Olean, N. Y. Acme All Mash Starter and Grower (7143)	17.06	16.50	4.65	3.80	5.65	7.00	As Certified
Acme Golden Mash for Growing Chicks (7142)	22.25	20.00	4.35	4.00	5.22	6.00	As Certified
ALLIED MILLS, INC., Chicago, Ill. Amco Growing Mash (7067)	16.69	17.00	5.13	4.00	6.00	6.00	As Certified
Amco Super Egg Mash with Sardine Oil (7148)	19.44	18.50	4.94	4.00	6.15	7.00	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Amco Super Starting and Growing Mash (7069)	19.69	17.00	6.25	4.00	5.17	6.00	As Certified
Amco Super Starting and Growing Mash (7172)	21.66	17.00	5.60	4.00	5.89	6.00	As Certified
Amco Tip Top Mash (7171)	19.44	17.60	5.95	3.50	6.52	7.00	As Certified
Empire Egg Mash (7032)	19.44	16.50	4.85	3.50	7.09	7.00	As Certified
Empire Growing Mash with Sardine Oil (7219)	18.75	16.00	5.28	3.00	7.42	7.00	As Certified
Empire Starter and Grower (7218)	18.13	16.00	5.41	3.50	6.95	6.00	As Certified
Ideal Egg Mash (7160)	20.63	18.00	6.76	3.50	7.52	10.00	As Certified
Tip Top Starter and Grower (7149)	18.19	16.00	5.03	3.50	6.32	6.00	As Certified
Topper Egg Mash (7025)	19.81	18.00	5.10	3.50	6.72	10.00	As Certified
Topper Egg Mash with Sardine Oil (7268)	20.25	18.00	4.85	3.50	6.57	10.00	As Certified
Wayne Chick Starter (7031)	19.69	17.00	6.81	4.00	6.35	6.00	As Certified
Wayne Chick Starter (7073)	19.75	17.00	6.08	4.00	5.67	6.00	As Certified
Wayne Egg and Breeder Mash (7716)	18.75	18.00	4.18	3.50	6.36	7.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (7030)	20.19	18.00	5.03	3.50	6.80	7.00	As Certified
Wayne Egg and Breeder Mash with Sardine Oil (7254)	20.94	18.00	6.55	3.50	7.11	7.00	As Certified
Wayne Growing Mash (7080)	17.88	16.00	5.29	4.00	6.16	6.00	As Certified
Wayne Growing Mash with Sardine Oil (7029)	18.19	16.00	5.17	4.00	6.07	6.00	As Certified
Wayne Mash Concentrate (7477)	39.31	32.00	5.08	4.00	7.11	8.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's Buttermilk Growing Mash (6537)	21.13	17.00	5.20	4.00	8.13	9.00	Found in addition small amount of ground screenings.
Altman's Buttermilk Growing Mash (6734)	20.06	17.00	4.43	4.00	7.06	9.00	As Certified
Altman's Buttermilk Starting Mash (6731)	19.81	17.00	5.02	4.00	5.67	8.00	As Certified
Altman's Buttermilk Starting Mash (7404)	20.38	17.00	4.41	4.00	7.35	8.00	As Certified
Altman's Fattening Mash (6536)	20.25	15.00	5.32	5.00	5.16	4.00	Found in addition small amount of ground screenings.
Altman's Fattening Mash (6741)	20.06	15.00	5.32	5.00	4.93	4.00	As Certified
Altman's Fattening Mash (7413)	17.06	15.00	5.18	5.00	4.05	4.00	As Certified
Altman's Fattening Mash (7626)	17.44	15.00	5.55	5.00	5.13	6.00	As Certified
Altman's Irwin Egg Mash (6730)	23.25	18.00	5.89	4.00	7.36	9.00	As Certified
Altman's Irwin Egg Mash (8886)	22.88	18.00	5.54	4.00	7.57	9.00	As Certified
Altman's Irwin Egg Mash (7412)	20.25	18.00	6.43	4.00	7.76	9.00	As Certified
Altman's Irwin Egg Mash (7493)	22.88	18.00	5.13	4.00	7.13	9.00	As Certified
Altman's Irwin Egg Mash (7827)	21.94	18.00	5.04	4.00	7.65	9.00	Found in addition linseed oil meal.
Altman's Quality Egg Mash (6535)	23.88	20.00	4.32	4.00	6.94	9.00	Found in addition small amount of ground screenings including ground corn cobs.
Altman's Quality Egg Mash (6728)	20.56	20.00	4.57	4.00	7.10	9.00	As Certified
Altman's Quality Egg Mash (6885)	22.06	20.00	4.80	4.00	6.20	9.00	As Certified
Altman's Quality Egg Mash (7439)	21.63	20.00	4.53	4.00	6.94	9.00	As Certified
Altman's Quality Egg Mash (7492)	21.94	20.00	4.42	4.00	6.81	9.00	As Certified
Altman's Quality Egg Mash (7629)	22.88	20.00	5.00	4.00	6.85	9.00	As Certified
Altman's Quality Egg Mash (7676)	22.50	20.00	4.92	4.00	6.99	9.00	As Certified
Altman's Super Egg Mash (6534)	20.44	18.00	4.95	4.00	6.72	9.00	Found in addition small amount ground screenings.
Altman's Super-ex Egg Mash (7441)	22.31	22.00	4.76	4.00	6.15	9.00	As Certified
Altman's Super Yeast Egg Mash (6533)	21.50	18.00	5.39	4.00	7.50	9.00	Found in addition cottonseed oil meal.
Altman's Super-ex Yeast Egg Mash (6727)	24.00	22.00	5.85	4.00	5.44	9.00	Found in addition ground bone.
Altman's Super-ex Yeast Egg Mash (7491)	21.69	22.00	4.24	4.00	6.11	9.00	As Certified
Altman's Super-ex Yeast Egg Mash (7628)	23.50	22.00	5.31	4.00	5.96	9.00	As Certified
Altman's Super-ex Yeast Egg Mash (7674)	22.56	22.00	5.17	4.00	6.45	9.00	As Certified
Altman's Super-ex Yeast Egg Mash (7675)	23.25	22.00	5.50	4.00	6.24	9.00	As Certified
Altman's Yeast Starter and Broiler Ration (6735)	21.63	19.00	5.45	4.00	5.59	8.00	As Certified
Altman's Yeast Starter and Broiler Ration (7440)	20.69	19.00	3.47	4.00	6.34	7.00	As Certified
Altman's Yeast Turkey Developer (7407)	20.94	21.00	4.79	4.50	6.30	7.00	As Certified
Altman's Yeast Turkey Developer (7631)	21.19	21.00	5.48	4.50	5.33	7.00	As Certified
Altman's Yeast Turkey Starter (7406)	22.44	25.00	4.95	4.00	6.15	7.00	As Certified
ANDERSEN BROTHERS, Sugar Grove, Pa.							
Rome Mixed Laying Mash (6951)	20.63	20.00	5.37	4.00	4.91	7.00	As Certified
Homs Mixed Starter and Grower (6952)	18.81	17.00	5.42	4.00	5.21	7.00	As Certified
ARCADY FARMS MILLING CO., Chicago, Ill.							
Arcady-Wonder Complete All Mash Chick Starter (7500)	19.50	17.00	4.41	4.00	6.55	6.00	As Certified
Sunkist All Mash Starter and Grower (7498)	18.75	17.00	3.95	4.00	7.45	8.00	As Certified
Sunkist Egg Mash (7496)	21.31	20.00	4.35	4.00	8.06	8.00	As Certified
Wonder Fattening Mash (7020)	16.50	12.50	4.60	4.00	7.90	7.00	As Certified
H. O. AYER, Ulster, Pa.							
Laying Mash (6673)	23.06	18.00	5.35	4.00	6.78	9.00	As Certified
BAIRD EAGLE FEED CO., Lock Haven, Pa.							
Bald Eagle Chick Starter (7241)	20.06	18.00	4.15	4.00	5.82	6.00	As Certified
Bald Eagle Egg-Breeder Mash (7242)	18.75	16.00	4.83	4.00	5.80	6.00	As Certified
R. A. BATES & SON, Knoxville, Pa.							
Oak Leaf Egg Mash (7691)	20.63	18.00	5.23	4.00	5.77	8.00	As Certified
THE SEACON MILLING CO., INC., Cayuga, N. Y.							
Breeders Mash (7295)	21.63	20.00	5.74	4.00	7.48	7.00	As Certified
Broiler Feed (7299)	18.00	17.00	4.28	4.00	5.62	6.00	As Certified
Cayuga Growing Mash (6675)	17.81	16.00	5.42	4.00	7.60	7.00	As Certified
Cayuga Laying Mash (7298)	21.75	20.00	5.38	4.00	6.50	7.00	As Certified
CC Pellets (7293)	19.88	18.00	6.40	1.00	4.34	5.00	As Certified
Complete Starting Ration (7296)	19.06	17.50	4.50	4.00	5.35	6.00	As Certified
Egg Mash with Buttermilk (6676)	23.38	22.00	5.72	4.50	6.85	7.00	As Certified
Egg Mash with Buttermilk (7292)	24.06	22.00	5.53	4.50	7.25	7.00	As Certified
Growing Mash (7297)	19.56	18.00	4.68	4.00	6.86	7.00	As Certified
Turkey Starter (7294)	24.75	24.00	5.74	4.00	5.85	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BELLEVILLE FLOUR MILLS CO., Belleville, Pa. Belleville Egg Producing Mash (7161)	18.56	17.00	4.60	4.00	7.90	6.50	Oyster ehell meal and alfalfa meal not detected. Found in addition corn gluten flour and soybsan msal.
BENTON ROLLER MILLS, Benton, Pa. Laying Mash (7467)	16.88	17.00	4.25	4.50	5.73	8.00	Found also charcoal.
Penn State All Mash Chick Starter-Grower (7466)	16.13	16.00	4.28	3.50	4.06	8.00	Found also charcoal.
C. R. BERGER, Trout Run, Pa. Berger's Laying Mash (7203)	19.81	18.00	4.25	3.50	6.20	7.00	As Certified
Berger's Starting and Growing Mash (7202)	18.88	17.00	3.90	3.00	5.40	6.50	As Certified
BLANK & GOTTSCHALL CO., INC., Sunbury, Pa. B. & G. Baby Chick Starter (6614)	17.88	16.00	5.98	4.00	5.59	6.00	As Certified
B. & G. Orowing Mash (6615)	18.19	18.00	6.73	6.00	6.70	7.00	As Certified
B. & G. Laying Mash with Buttermilk (6616)	18.59	18.00	5.50	5.00	7.64	6.50	As Certified
B. & G. Lay-Mor (6619)	21.69	18.00	4.93	3.50	7.29	6.00	As Certified
B. & G. Lay-Mor (7024)	21.63	18.00	4.94	3.50	8.11	6.00	As Certified
BROWN & PASSETT, Tunkhannock, Pa. B. & P. Favorites Dry Mash (6684)	20.81	18.00	5.49	5.00	6.40	9.00	As Certified
B. & P. Favorites Dry Mash (7593)	20.38	18.00	4.71	5.00	7.02	9.00	As Certified
B. & P. Orowing Mash (7592)	18.44	17.50	5.19	4.50	5.33	6.50	As Certified
JOHN S. BROWN'S SON, New Castle, Pa. Full Value Laying Mash (7376)	24.31	20.00	5.09	4.00	7.80	8.00	As Certified
Our Quality Laying Mash (7377)	23.31	20.00	5.73	4.00	6.05	7.00	Dried milk not detected. Found in addition alfalfa leaf meal and corn gluten feed.
Our Quality Oat Meal Starting-Growing Mash (7380)	21.25	15.00	5.00	5.00	6.65	6.00	Lineeed oil meal and soybean meal not detected.
THE BUCKEYE CEREAL CO., Massillon, O. Gold Standard Laying Mash (7415)	20.75	18.00	2.75	4.00	7.98	10.00	Found in addition ground buckwheat.
CAMPBELL'S MILL, Lewieburg, Pa. Campbell's Egg Mash (7600)	20.25	18.00	4.23	4.00	7.05	6.00	As Certified
CANONSBURG MILLINO CO., Canonsburg, Pa. C. M. C. Starting Mash (6782)	19.50	18.00	4.51	5.00	6.62	5.00	As Certified
CHECKERBOARD FEED STORE, Punxsutawney, Pa. Wlinner Laying Mash (7087)	20.88	18.00	5.43	3.50	7.80	8.50	As Certified
CITY FLOURING MILLS, INC., Muncy, Pa. Muncy Laying Mash (7136)	20.31	19.00	5.83	4.00	5.87	7.00	As Certified
Muncy Starting and Growing Mash (7135)	18.81	17.00	5.00	4.00	5.27	7.00	As Certified
J. A. CLARK, Weigh Scales, Pa. Clark's Orowing Mash (6543)	20.69	18.00	5.35	4.00	7.79	7.00	Found in addition small amount ground screenings.
Clark's Laying Mash (6544)	21.00	20.00	5.19	4.50	6.37	7.00	As Certified
Clark's Starting Mash with Cod Liver Oil (6546)	18.38	17.00	5.29	4.00	5.47	6.00	As Certified
Clark's Sugar-Sweet Laying Mash (6545)	21.13	20.00	5.15	4.00	7.42	7.50	As Certified
Clark's Turkey Grower (6549)	20.44	20.00	4.89	4.00	5.86	8.00	Found in addition small amount of ground screenings including corn cockle
COLLEGEVILLE MILLS, Collegeville, Pa. Improved Growing Mash (6993)	21.19	18.50	5.77	5.50	5.65	6.00	As Certified
Improved Laying Mash (6994)	20.44	20.00	5.50	5.00	6.15	8.00	As Certified
THE G. E. CONKEY CO., Cleveland, Ohio Y-O Egg Mash (7221)	24.31	20.00	5.50	4.00	5.45	7.00	As Certified
Y-O Egg Mash (7451)	23.00	20.00	3.75	4.00	5.45	7.00	As Certified
Y-O Growing Mash (7222)	21.69	18.00	5.20	4.00	6.47	7.00	As Certified
Y-O Growing Mash (7453)	20.00	18.00	4.92	4.00	6.54	7.00	Found in addition brewers drisd grains.
Y-O Starting Feed (7220)	19.44	16.00	5.68	4.50	4.62	7.00	As Certified
Y-O Starting Feed (7502)	18.31	16.00	5.05	4.50	4.00	7.00	As Certified
CONNEAUT GRAIN & FUEL CO., Conneaut, Ohio Blue Star Egg Mash (7579)	21.69	19.00	4.28	4.00	6.31	6.00	As Certified
Blue Star Growing Mash (7580)	21.56	18.00	4.29	4.00	5.47	6.00	As Certified
Conneaut Laying Mash (7581)	20.69	18.00	4.75	4.00	7.33	7.00	Found in addition soybean meal and ground buckwhsat.
COOPERATIVE G.L.F. MILLS, INC., Buffalo, N. Y. Growing Mash (6646)	20.25	17.50	4.87	4.00	6.90	6.50	As Certified
Laying Mash (6571)	23.63	20.00	4.89	4.00	5.51	7.00	As Certified
Laying Mash (6600)	23.19	20.00	4.85	4.00	6.50	7.00	As Certified
Laying Mash (6940)	21.69	20.00	5.55	4.00	6.20	7.00	As Certified
Market Laying Mash (6669)	21.56	20.00	5.16	4.00	5.07	7.00	As Certified
Special Laying and Breeding Mash (6595)	23.13	19.50	4.75	4.00	6.24	7.00	As Certified
Special Laying and Breeding Mash (7479)	22.56	19.50	4.75	4.00	6.51	7.00	As Certified
Special Starting and Growing Mash (6568)	19.38	17.50	4.82	4.00	5.75	6.50	As Certified
Special Starting and Growing Mash (6939)	21.25	17.50	5.55	4.00	6.42	6.50	As Certified



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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	
Special Starting and Growing Mash (7188)	20.19	17.80	4.78	4.00	8.25	8.50	As Certified
Special Starting and Growing Mash (7482)	20.44	17.50	5.18	4.00	5.40	8.50	As Certified
Starting and Growing Mash (8689)	18.81	17.80	4.77	4.00	5.54	8.50	As Certified
Starting and Growing Mash (5599)	20.50	17.50	4.77	4.00	5.79	8.50	As Certified
Super Laying Mash (8583)	21.38	19.50	4.92	4.00	4.88	7.00	Found in addition trace of hoof meal.
Super Laying Mash (8598)	21.31	19.50	5.19	4.00	5.48	7.00	As Certified
Super Laying and Breeding Mash (8570)	22.25	19.50	4.91	4.00	5.82	7.00	As Certified
Super Laying and Breeding Mash (8598)	21.25	19.50	4.80	4.00	5.87	7.00	As Certified
Super Laying and Breeding Mash (7388)	20.56	19.50	4.39	4.00	5.82	7.00	As Certified
Super Laying and Breeding Mash (7480)	21.94	19.50	4.75	4.00	8.13	7.00	As Certified
Thrifty Mash (8870)	21.83	20.00	5.37	4.00	4.67	7.00	As Certified
Thrifty Mash (7481)	21.89	20.00	5.85	4.00	4.81	7.00	As Certified
Turkey Starting Mash (7355)	25.31	24.00	5.05	4.00	5.87	7.00	As Certified
DANVILLE MILLING CO., Danville, Pa. Danville Laying Mash (7810)	14.88	17.00	4.08	5.00	7.29	7.00	Found also ground grain screenings.
DAYTON MILLING CO., Towanda, Pa. Dayton's Ideal Laying Mash (7153)	22.58	18.00	4.90	3.00	4.55	8.00	As Certified
DEAN & LEE, Horseheads, N. Y. Pioneer Poultry Mash (7158)	22.58	20.00	5.88	4.00	8.80	7.00	Found in addition ground crab shells.
Utility All Mash (7184)	19.19	16.00	5.28	3.00	7.71	8.00	As Certified
DELAWARE MILLS, INC., Deposit, N. Y. Indian Growing Mash (7042)	17.56	15.00	4.84	4.30	7.14	7.00	As Certified
Indian Laying Mash with Dried Skimmilk (7043)	18.56	18.00	4.51	4.50	6.48	8.00	As Certified
ALBERT DICKINSON CO., Chicago, Ill. Globe Egg Producer (8898)	19.88	18.00	4.35	3.50	5.80	7.00	As Certified
Globe Egg Producer (7854)	21.44	18.00	4.11	3.50	5.15	7.00	As Certified
Globe Growing Mash (7510)	21.44	18.00	4.32	4.00	5.34	7.00	As Certified
Globe Starting-Growing All Mash (8898)	18.75	15.00	4.40	3.50	6.41	7.00	As Certified
Rival Egg Mash (8897)	19.31	17.00	4.23	3.50	8.07	7.00	As Certified
Rival Egg Mash (7509)	19.83	17.00	3.52	3.50	6.16	7.00	As Certified
DIETRICH & GAMBRILL, INC., Frederick, Md. All Purpose Complete Ration Starter- Grower-Layer (7271)	16.56	15.00	4.16	4.50	4.60	6.00	As Certified
Laying Mash (7272)	22.94	20.00	4.65	5.00	6.56	7.00	As Certified
R. J. DUNHAM, Wellsboro, Pa. Tyoga All Purpose Mash (8851)	20.25	20.00	5.23	5.00	5.52	7.00	As Certified
EASTERN STATES FARMERS EXCHANGE Springfield, Mass. All Mash Developer (Pellete) (7537)	18.63	14.50	4.95	3.50	5.22	8.00	As Certified
Combination Mash (7545)	17.06	15.00	5.83	4.00	5.86	6.50	As Certified
Combination Mash (7710)	18.63	15.00	4.62	4.00	5.83	8.00	As Certified
Developer (7414)	20.38	18.50	5.31	4.00	6.31	6.50	As Certified
Developer (7552)	20.75	18.50	4.78	4.00	6.18	6.50	As Certified
Egg Mash (7134)	23.44	20.00	6.65	4.00	7.05	6.50	As Certified
Egg Mash (7541)	22.25	20.00	6.59	4.00	5.80	6.50	As Certified
Pattener Mash (7538)	16.19	14.50	4.65	4.00	4.78	5.00	As Certified
Flushing (7711)	21.13	18.50	3.74	3.00	3.77	4.00	As Certified
Flushing (7711)	21.19	18.50	3.27	3.00	4.07	4.00	As Certified
Producer 17 (7204)	19.38	17.00	6.38	4.00	6.32	6.50	As Certified
Producer 17 (7547)	18.75	17.00	4.93	4.00	5.37	6.00	As Certified
Producer 17 (7707)	18.81	17.00	4.79	4.00	5.93	6.00	As Certified
Producer 20 (7551)	21.69	20.00	4.96	4.00	5.68	6.00	As Certified
Starting and Broiler Ration (7713)	20.38	18.50	5.00	4.00	4.68	5.00	As Certified
Turkey-Grow (7539)	22.63	20.00	5.29	4.00	5.15	5.50	As Certified
Turkey-Start (7132)	27.25	25.00	6.45	4.50	5.10	5.00	As Certified
EATON FLOUR MILL, Lawrenceville, Pa. Eaton Laying Mash (7694)	20.94	20.00	5.32	5.00	7.39	6.50	As Certified
JOHN W. ESHELMAN & SONS, Lancaster, Pa. Maintenance 20% Laying Mash (7074)	22.44	20.00	4.93	4.50	8.00	8.00	As Certified
Pennsy Laying Mash (7075)	20.00	18.00	4.68	5.00	9.25	8.50	As Certified
Pennsy Laying Mash (7322)	21.19	18.00	5.70	5.00	8.47	8.50	As Certified
Pennsy Laying Mash (7532)	20.06	18.00	4.84	5.00	7.23	8.50	As Certified
Pennsy Laying Mash with Cod Liver Oil (7531)	20.13	18.00	5.06	5.00	7.77	8.50	As Certified
Red Rose All Mash Starter with Cod Liver Oil (7324)	19.31	16.00	4.66	4.00	6.15	6.50	As Certified
Red Rose All Mash Starter with Cod Liver Oil (7533)	19.19	16.00	4.37	4.00	5.58	6.50	As Certified
Red Rose All Mash Starter and Grower with Cod Liver Oil (7318)	19.81	16.00	4.73	4.00	4.36	6.50	As Certified
Red Rose All Mash Starter and Grower with Cod Liver Oil (7524)	19.88	16.00	4.71	4.00	7.00	6.50	As Certified
Red Rose Broiler Ration with Cod Liver Oil (7319)	19.63	17.00	5.05	4.50	7.70	7.00	As Certified
Red Rose Growing Mash with Cod Liver Oil (6772)	19.63	16.00	5.64	4.00	5.75	7.00	As Certified
Red Rose Growing Mash with Cod Liver Oil (7323)	19.19	16.00	4.83	4.00	6.12	7.00	As Certified
Red Rose Growing Mash with Cod Liver Oil (7522)	19.50	16.00	5.14	4.00	6.97	7.00	As Certified
Red Rose Laying Mash (7077)	22.69	20.00	5.50	5.00	7.52	7.00	As Certified
Red Rose Laying Mash (7525)	22.44	20.00	6.00	5.00	7.74	7.00	As Certified
Red Rose Laying Mash with Cod Liver Oil (7321)	22.75	20.00	5.83	5.00	7.05	7.00	As Certified
Red Rose Laying Mash with Cod Liver Oil (7448)	22.06	20.00	5.10	5.00	6.88	7.00	As Certified
Red Rose Laying Mash with Cod Liver Oil (7523)	22.63	20.00	6.20	5.00	7.28	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
FARM BUREAU MILLING CO., INC., Chicago, Ill.							
Economy Laying Mash (7425)	21.38	20.00	4.63	4.50	5.80	5.00	As Certified
Mermade Balancer 32% (7424)	32.00	32.00	4.48	4.00	5.63	5.50	As Certified
Mermash 16% (7419)	18.81	18.00	4.60	3.60	4.86	6.00	As Certified
Mermesh 18% (7430)	17.08	18.00	3.24	3.60	5.18	5.00	As Certified
S. FOUGHT & SON, Hughesville, Pa. Fought's Pennsylvania State Laying Mash (7084)	20.75	18.00	4.68	3.75	5.10	10.00	As Certified
FRANKLIN MILLING CO., Middleburg, Pa. Franklin Laying Mash (7170)	19.31	19.00	5.13	5.00	5.56	8.00	Alfalfa leaf meal not detected. Found in addition charcoal and ground crab shell.
FREYERMUTH MILLS, Fredonia, Pa.							
Economy Egg Mash (8761)	22.38	20.00	4.98	4.00	5.52	8.00	As Certified
Penn State All Mash Starter (8760)	18.81	18.00	5.67	4.50	5.07	5.00	As Certified
Penn State 20% Laying Mash (8749)	21.38	20.00	6.03	4.00	5.40	7.50	As Certified
M. S. GLICK, Richfield, Pa. Glick's Old Faithful Laying Mash (7186) Glick's Old Faithful Starter and Grower (7185)	21.38	20.00	5.18	4.00	6.75	6.50	As Certified
	18.50	18.00	5.05	4.00	5.57	8.00	As Certified
GOLDEN GRAIN MILLS, INC., Harrisburg, Pa.							
Captol Egg Mash (7245)	21.94	18.00	3.90	4.60	9.50	9.00	As Certified
Golden Grain Growing Mash (7247)	22.00	18.00	4.33	4.00	8.29	5.00	Found in addition ground oats.
Golden Grain Starter and Grower (7278)	20.83	17.50	4.69	4.00	8.35	6.00	As Certified
GOOD'S CITY MILLS, INC., Williamsport, Pa.							
Good's Goodmash (7189)	21.88	18.00	6.28	4.00	5.92	8.00	As Certified
Good's Growing Mash (7188)	18.56	18.00	4.70	4.00	7.25	7.00	As Certified
D. H. GRANDIN MILLING CO., Jamestown, N. Y.							
Grandin's Chick Starting Mash (7038)	17.69	16.00	6.04	4.00	6.50	5.00	As Certified
Grandin's Start to Finish Laying Mash (7034)	19.69	18.00	5.38	4.00	7.33	7.00	As Certified
THE OREAT ATLANTIC & PACIFIC TEA CO., New York, N. Y.							
Daily Egg Laying Mash (8968)	21.81	20.00	5.13	4.00	5.97	5.50	As Certified
Daily Egg Laying Mash (7262)	21.19	20.00	5.19	4.00	7.46	6.50	As Certified
Daily Growth Chick Starter (8954)	16.68	18.00	6.08	4.00	4.01	8.00	As Certified
Daily Growth Growing Mash (8955)	18.88	17.60	4.79	4.00	7.88	8.50	As Certified
Daily Growth Growing Mash (7283)	18.83	17.50	5.17	4.00	7.19	8.50	As Certified
HALES & HUNTER CO., Chicago, Ill.							
Red Comb Egg Mash (7286)	20.44	18.00	5.33	4.00	7.42	7.00	As Certified
Red Comb Growing Mash (7286)	18.94	15.00	5.13	4.00	7.10	7.00	As Certified
Red Comb Turkey Breeder (7284)	23.13	20.00	5.16	5.00	5.57	7.00	As Certified
HANOVER MILLING CO., Hanover, Pa. Just Right Competition 18% Egg Mash (7096) Just Right Starting and Growing All Mash (7095)	17.31	18.00	4.68	5.00	5.25	8.00	As Certified
	16.81	17.00	4.43	3.00	2.52	5.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa.							
Chicken Dinner Starter and Grower (8874)	18.59	18.00	3.98	3.50	5.07	7.00	As Certified
Exchange Egg Mash (8899)	20.19	18.00	7.23	4.00	8.52	9.00	As Certified
Hercoo Turkey Starting Mash (7568)	25.25	24.00	9.00	3.50	6.71	7.00	As Certified
Radio Growing Mash with Yeast Foam (7507)	18.25	18.00	5.75	3.50	7.41	5.00	As Certified
Radio Laying Mash (7449)	19.28	20.00	4.90	4.00	5.82	8.00	As Certified
HEFTY MILLING CO., Watsontown, Pa.							
Hefty's All Mash Starting Feed (7175)	19.69	17.00	6.00	4.00	4.00	5.00	As Certified
Hefty's Growing Feed (7177)	18.99	17.00	6.39	4.00	6.15	8.50	As Certified
Hefty's Laying Mash (7175)	22.38	20.00	5.58	4.00	5.97	7.00	As Certified
E. R. HELLER, Wopwellopen, Pa.							
Big Flake Growing Mash (8808)	17.81	17.00	5.38	4.00	5.98	7.00	As Certified
Big Flake Laying Mash (8808)	20.19	20.00	5.36	4.00	7.69	7.00	Found in addition charcoal.
Sun Ray Chick Starter Mash (8607)	19.05	18.00	5.75	5.00	5.95	5.00	As Certified
A. C. HENRY, Seven Valleys, Pa.							
Henry's Common Sense Egg Mash (7617)	21.44	19.00	4.78	4.60	5.14	7.00	As Certified
Henry's Common Sense Growing Mash (7620)	17.50	17.00	4.30	4.00	6.04	5.50	As Certified
Henry's Ultra-Lifted Growing Mash (7619)	17.76	18.00	4.71	4.50	6.57	8.50	As Certified
Henry's Ultra-Lifted 20% Laying Mash (7618)	21.00	20.00	4.76	4.00	6.20	7.50	As Certified
HENRY & MISSERT FEED CO., INC., Buffalo, N. Y.							
H. & M. Breeder and Laying Mash (7049)	20.13	19.50	4.75	4.00	8.59	7.00	Found in addition berley, brewers dried grains and malt sprouts.
H. & M. Chick Starter and Growing Mash (7052)	18.88	17.50	5.17	4.00	5.85	6.00	Found in addition bone.
H. & M. Regular Laying Mash (7061)	21.26	20.00	4.55	4.00	5.07	7.00	As Certified
H. & M. Special Starter (7048)	18.53	17.50	4.75	4.00	5.55	6.50	Found in addition bone.
H. & M. Thrift Laying Mash (7047)	18.88	15.00	4.55	4.00	5.75	7.50	As Certified
M. E. HERR, Schuylar, Pa.							
Herr's Laying Mash (7483)	20.59	18.50	5.12	4.50	5.55	7.00	As Certified
THE HERRMAN-MOLEAN CO., Cleveland, O.							
Ohio Egg Mash (7129)	20.13	20.00	4.88	5.00	5.69	8.00	As Certified
Ohio Egg Mash (7431)	21.25	20.00	5.40	5.00	5.15	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
Ohio Growing Mesh (7429)	17.69	16.00	4.74	4.50	5.21	5.00	Found in addition linseed oil meal.
Portage Buttermilk Growing Mesh (7430)	17.75	16.00	5.02	4.00	5.16	5.00	As Certified
Portage Chick Starter (7432)	18.31	15.00	5.81	4.00	5.80	6.00	As Certified
Starting and Growing Mesh (7129)	15.81	16.00	6.55	4.50	6.50	5.00	Found in addition small amount of ground screenings
BERT HOFF, Seven Valleys, Pa. Hoff's Quality Egg Mesh (7515)	20.50	20.00	4.13	4.00	6.81	7.00	Found in addition corn gluten meal.
RONESDALE FLOUR & FEED CO., Honesdale, Pa. Tru-Mix Laying Mash (6690)	21.25	18.00	6.24	5.00	6.41	6.50	Found in addition ground bone
Tru-Mix Starting and Growing Mesh (6689)	19.56	18.00	4.84	4.50	4.81	5.50	Found in addition ground bone.
HOWARD MILLING CO., Howard, Pa. Our Best Laying Mash (7122)	17.88	16.00	4.40	4.00	7.70	7.00	Found in addition charcoal.
F. I. JOHNSON, Lewisburg, Pa. F. & J. Best Laying Mash (7604)	19.69	20.00	4.08	4.00	7.05	7.00	Found in addition linseed oil meal and brewers dried grains.
JUNIATA ROLLER MILLS, Thompsontown, Pa. Burns Vitaminized Chick Starter (7620)	19.44	18.00	4.58	3.50	4.90	6.50	As Certified
Burns Vitaminized Growing Mash (7617)	17.56	17.00	4.45	4.00	5.23	6.50	As Certified
Burns Vitaminized Laying Mash (7618)	19.81	18.00	4.77	4.00	5.78	7.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Apex Complete Grower (7056)	16.63	14.00	4.94	4.00	5.44	8.50	As Certified
Apex Growing Mash (7058)	18.38	17.00	5.33	4.00	5.92	8.50	As Certified
Apex Laying Mash (6560)	21.81	20.00	5.68	4.00	5.37	8.50	As Certified
Apex Laying Mash (7055)	20.81	20.00	4.98	4.00	5.45	8.50	As Certified
Apex Starter (7057)	17.63	15.00	5.15	4.00	4.84	6.00	As Certified
Kasco All Mesh Chick Food (7059)	19.75	17.00	5.23	4.00	4.78	5.50	As Certified
Kasco Growing Mash (7513)	18.81	18.00	4.98	4.00	7.36	7.50	Found in addition small amount ground grain screenings.
Kasco Laying Mash (7578)	20.31	20.00	5.18	4.00	6.80	6.50	Dried skim milk not detected.
Kasco Poultry Flushing Mash (6558)	19.98	17.00	3.92	4.00	3.93	5.50	As Certified
Kasco Poultry Flushing Mash (7684)	19.44	17.00	4.13	4.00	4.78	5.50	As Certified
Kasco Turkey Grower (7683)	22.13	20.00	4.50	4.00	6.60	8.00	As Certified
Kasco Turkey Starter (7039)	25.88	24.00	4.00	4.00	6.25	8.00	As Certified
Oc-Sak Laying Mash (7577)	20.94	17.00	4.73	3.50	8.31	8.50	As Certified
HERMAN KEEBLER, Montoursville, Pa. Keebler's Laying Mash (7195)	19.63	18.00	5.08	4.00	6.02	6.00	As Certified
Keebler's Starting and Growing Mash (7196)	19.31	18.25	4.83	4.25	6.07	5.50	As Certified
J. B. KELLEY, Washingtonville, Pa. Growing Mash with Kel-Sea-Cal (7486)	18.00	17.00	3.96	4.00	5.56	8.00	As Certified
Laying Mash with Kel-Sea-Cal (7487)	18.81	20.00	4.10	4.00	5.66	8.00	As Certified
J. J. KENNEDY & SONS, Zellenople, Pa. Kennedy's Chick Starter and Grower (7016)	19.50	18.00	5.15	5.00	5.55	7.00	As Certified
Kennedy's Egg Mash (7017)	17.44	17.00	4.89	5.00	5.97	7.00	As Certified
KERRTOWN MILLING CO., Meadville, Pa. Imperial Egg Mash (7568)	21.38	18.00	5.33	4.00	7.12	9.00	As Certified
Imperial Growing Mash (7569)	17.31	15.00	5.08	4.50	4.75	6.00	As Certified
THE LARROWE MILLING CO., Detroit, Mich. Larro Chick Builder (6877)	22.38	19.00	4.38	4.00	5.55	7.00	As Certified
Larro Chick Builder (7357)	21.63	19.00	4.30	4.00	6.40	7.00	As Certified
Larro Chick Builder (7461)	22.00	19.00	4.39	4.00	6.20	7.00	As Certified
Larro Egg Mash (7358)	21.69	20.00	4.40	4.00	6.17	7.50	As Certified
Larro Egg Mash (7459)	22.19	20.00	4.37	4.00	7.13	7.50	As Certified
LOTTSVILLE MILLING & SUPPLY CO., Lottsville, Pa. Brokenstraw Laying Mash (7007)	21.63	19.00	5.01	5.00	6.90	7.00	Found in addition ground bone.
Brokenstraw Laying Mash with Cod Liver Oil (7008)	21.31	19.00	6.10	5.00	6.05	7.00	As Certified
Brokenstraw Starter and Grower Mash (7010)	20.88	19.00	5.53	5.50	5.20	5.50	Found in addition corn gluten feed and linseed oil meal.
LYCOMING MILLS, Williamport, Pa. Lycoming Growing Mash (7197)	19.00	18.00	5.20	4.00	6.90	6.00	Found in addition ground bone.
Lycoming Laying Mash (7198)	22.31	19.00	5.53	4.50	6.77	8.00	As Certified
McMILLEN FEED MILLS, INC., Fort Wayne, Ind. Master Mix 32% Chick Concentrate (7126)	33.81	32.00	4.20	4.00	6.70	8.00	As Certified
Master Mix 34% Mash Concentrate (7244)	35.56	34.00	4.03	4.00	8.50	8.00	As Certified
W. H. MANBECK & CO., Mifflin, Pa. Juniata Chick Mash (7613)	18.31	15.60	5.47	3.50	3.78	3.60	As Certified
Juniata Laying Mash (7612)	20.44	19.50	4.85	4.40	6.41	7.30	As Certified
Juniata Laying Mash with Milk and Oil (7611)	20.81	19.50	5.69	4.40	6.70	7.30	Found in addition ground buckwheat.
MARITIME MILLING CO., INC., Buffalo, N. Y. B-B Complete Chick Starter Ration (6756)	21.50	20.00	5.29	4.00	6.52	6.00	As Certified
B-B Broiler Ration (7233)	20.75	20.00	4.93	4.00	7.05	7.00	As Certified



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
8-8 Daisy Egg Mash (6895)	20.25	20.00	5.65	3.50	9.79	9.00	Found in addition charcoal.
8-8 Daisy Egg Mash (7237)	20.81	20.00	4.80	3.50	8.85	9.00	As Certified
8-8 Daisy Growing Mash (6892)	17.44	15.00	4.72	4.00	9.12	9.00	As Certified
8-8 Growing Mash (7238)	18.38	15.00	4.65	4.00	7.62	7.00	As Certified
8-8 Layer and Breeder Mash (6919)	21.63	20.00	5.78	4.50	7.43	7.00	As Certified
8-8 Mash Concentrate (7236)	33.75	34.00	3.58	4.00	6.07	7.00	As Certified
8-8 Starter and Growing Ration (6918)	22.25	17.00	4.85	4.00	6.55	7.00	Found in addition ground buckwheat.
R. C. MEEK ESTATE, Allenwood, Pa. M. C. O. Laying Mash (7607)	19.81	20.00	5.24	4.00	7.59	10.00	As Certified
MERCER MILLING CO., Mercer, Pa. Davis Egg Mash "A" (7391)	21.69	18.00	5.36	4.00	6.25	7.00	As Certified
Davis Egg Mash "B" (7390)	21.06	18.00	5.80	4.00	7.02	7.00	As Certified
THE MIDLAND MILLING & SUPPLY CO., Midland, Pa. Burton Egg Mash (6841)	19.88	18.00	4.91	5.00	9.02	8.00	As Certified
Burton Growing Mash (6847)	18.06	16.00	4.86	4.50	7.25	6.00	Found in addition charcoal.
Burton Starting Mash (6849)	21.38	18.00	4.86	4.00	6.60	6.00	As Certified
Economy Egg Mash (6843)	19.00	16.00	4.67	4.00	11.52	10.00	As Certified
THE MIFFLINBURG FARMERS EXCHANGE, Mifflinburg, Pa. Farmers' Exchange Egg Mash (6629)	20.19	18.00	4.26	4.00	6.12	8.00	As Certified
Two in One Starting and Growing Mash (6630)	18.81	16.50	5.24	4.00	5.39	6.25	As Certified
MIFFLINBURG FLOUR AND FEED MILL, Mifflinburg, Pa. Ideal Chick Starter and Grower (6625)	19.44	15.00	5.23	4.00	4.59	6.00	Found in addition linseed oil meal and ground bone.
Ideal Laying Mash (6624)	20.06	18.00	5.12	4.00	5.01	9.00	Found in addition bone meal, cottonseed meal, and small amount of ground grain screenings.
H. W. MILLER, York, Pa. Miller's Growing Mash (7092)	15.56	16.00	4.60	4.50	4.22	6.50	As Certified
Miller's 20% Laying Mash (7091)	18.06	20.00	4.45	4.00	6.50	6.00	As Certified
Miller's Starting Mash (7093)	16.56	17.00	4.98	4.00	4.71	6.50	As Certified
MONACA ROLLER MILLS CO., Monaca, Pa. Hild's Chick Starter and Grower (6837)	18.94	16.00	5.06	4.00	4.32	6.50	As Certified
Hild's Laying Mash (6836)	22.00	20.00	4.86	4.00	5.00	7.00	As Certified
MONSEY MILLING CO., Muncy, Pa. Monsey Laying Mash (7141)	19.94	17.00	4.48	3.00	6.43	6.00	As Certified
Monsey Starter and Grower (7140)	20.56	18.00	4.83	3.50	6.30	6.50	As Certified
H. D. NEUFER, Hughesville, Pa. Neufer's Laying Mash (7589)	18.06	18.00	3.26	4.00	5.02	7.00	As Certified
Neufer's Starting and Growing Mash (7588)	17.69	17.00	3.97	3.00	5.90	6.50	As Certified
NEW CASTLE MILLING CO., New Castle, Pa. Egg Mash (7369)	21.94	20.00	6.45	5.50	6.10	6.00	As Certified
Starting and Growing Mash (7370)	19.69	17.00	6.53	5.00	5.85	6.00	Found in addition cottonseed meal and small amount of ground grain screenings.
NICKEL PLATE FLOUR MILLS, Wesleyville, Pa. Nickel Plate Poultry Mash (7105)	21.06	18.00	5.33	4.00	8.17	10.00	As Certified
Nickel Plate Starting and Growing Mash (7104)	21.31	20.00	5.86	4.00	7.37	8.00	As Certified
NILES FEED & SEED CO., Niles, Ohio Master Egg Mash (6746)	20.81	18.00	5.64	4.00	6.46	6.00	As Certified
P. J. OESTERLING & SON, Butler, Pa. Sunside Egg Mash with Buttermilk (7445)	22.94	20.00	5.45	4.00	6.94	7.50	As Certified
Sunside Egg Mash with Buttermilk (7446)	22.13	20.00	4.52	4.00	8.32	8.00	As Certified
PARK & POLLARD CO., Buffalo, N. Y. Bidwell Laying Mash (7063)	18.56	18.00	4.63	3.00	7.77	8.00	As Certified
Bidwell Laying Mash (7086)	20.50	18.00	3.90	3.00	8.17	8.00	As Certified
Bidwell Laying Mash (7280)	19.06	18.00	4.23	3.00	7.75	8.00	Suckwheat not detected. Found in addition ground grain screenings.
Lay or Bust Dry Mash (7291)	18.75	18.00	4.60	3.00	6.35	7.00	Found in addition ground grain screenings.
Manamar Life Cycle Mash (7060)	18.44	16.00	4.73	3.50	7.82	6.00	As Certified
Manamar Life Cycle Mash (7085)	18.81	16.00	4.85	3.50	7.97	7.00	As Certified
Manamar Life Cycle Mash (7279)	17.63	16.00	5.22	3.50	7.61	7.00	As Certified
Park and Pollard Chick Starter (7281)	19.06	17.00	6.29	3.50	6.23	5.00	As Certified
Park and Pollard Flashing Pellets (7285)	18.31	16.00	4.24	4.00	7.68	7.00	As Certified
Park and Pollard Growing Feed (7283)	16.94	14.00	4.90	3.00	9.26	7.00	Found in addition soybean meal.
Park and Pollard Starter and Broiler Mash (7284)	20.81	18.00	5.67	4.00	6.24	6.00	As Certified
PENNSYLVANIA FARM BUREAU COOPERATIVE ASSOCIATION, INC., Harrisburg, Pa. Chick and Broiler Mash (6774)	20.56	17.50	5.54	4.00	5.53	6.50	As Certified
Economy Laying Mash (6775)	20.75	20.00	5.43	4.00	5.50	7.00	As Certified
Mermade Balancer 32% (6773)	31.19	32.00	6.03	4.00	6.60	6.50	As Certified
Mermash 16% (6776)	18.00	16.00	5.44	3.50	5.25	7.00	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Special Laying and Breeding Mash (6776)	20.13	19.50	5.98	4.00	6.30	7.00	As Certified
Turkey Growing Mash (6772)	20.58	20.00	4.01	4.00	4.85	7.00	As Certified
PETERSBURG MILLING CO., Saesamer, Pa. Pembec Laying Mash (7400)	22.81	20.00	4.52	4.00	5.75	8.00	Found in addition foenugreek and char- coal.
Pembec Starting and Growing Mash (7401)	19.81	18.00	4.83	4.00	4.92	6.00	Found in addition brewers dried grains.
PHELPS & SISLEY CO., Cuba, N. Y. Big Egg Laying Mash with Cod Liver Oil (7380)	22.88	20.00	5.38	4.50	8.82	7.80	As Certified
Pasco Starting and Growing Mash with Buttermilk (7381)	21.13	20.00	8.20	3.75	5.00	8.00	As Certified
P. S. Growing Mash (7397)	19.56	17.50	5.07	4.00	7.22	7.00	As Certified
PRATT FOOD CO., Hammond, Ind. Pratt's Cak-Cak Egg Mash (6784)	18.69	18.00	5.24	4.00	7.90	8.00	As Certified
Pratt's Cak-Cak Egg Mash (6988)	20.25	18.00	3.78	4.00	6.87	8.00	As Certified
Pratt's Growing Mash with Buttermilk (6786)	18.56	17.50	5.05	4.00	6.33	5.00	As Certified
Pratt's Laying Mash with Buttermilk (6752)	21.94	20.00	5.45	4.50	7.11	7.25	As Certified
Pratt's Turkey Growing and Finishing Mash (6897)	20.44	21.00	8.27	8.00	6.35	7.00	As Certified
Pratt's Turkey Starter with Buttermilk (6899)	26.88	25.00	6.00	4.50	5.35	6.00	As Certified
Utility Starter and Grower with Buttermilk (6964)	19.08	18.00	3.88	3.50	6.28	6.50	As Certified
PRESTON & JAQUISH, Troy, Pa. Sweepstake Egg Producer (7385)	19.94	17.50	5.01	5.00	8.20	8.80	As Certified
PRESTON'S INC., Canton, Pa. Preston's Egg Producer (7230)	21.50	19.00	5.68	5.00	7.12	10.00	As Certified
Preston's Starting and Growing Mash (7229)	19.08	17.00	4.98	4.50	6.40	8.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Ful-O-Pep Broiler Mash (6876)	20.44	19.00	5.80	8.00	5.04	7.00	As Certified
Ful-O-Pep Broiler Mash (6909)	21.94	19.00	6.40	8.00	7.02	7.00	As Certified
Ful-O-Pep Chick Starter (6908)	19.50	17.00	6.33	8.00	6.29	7.00	Found in addition small amount of ground screenings.
Ful-O-Pep Developer (6922)	18.75	18.00	5.48	5.00	6.92	9.00	As Certified
Ful-O-Pep Egg Mash (6910)	21.63	20.00	6.13	4.50	7.22	8.00	As Certified
Ful-O-Pep Egg Mash (7460)	20.89	20.00	6.18	4.50	5.92	8.00	As Certified
Ful-O-Pep Egg Mash (7494)	20.68	20.00	5.84	4.50	7.12	8.00	Found in addition small amount of ground grain screen- ings.
Ful-O-Pep Growing Mash (7514)	20.58	19.00	6.25	5.00	5.29	6.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Broiler Chow (6925)	21.44	18.00	5.67	4.00	8.80	7.00	As Certified
Purina Broiler Chow (6961)	21.13	18.00	5.60	4.00	4.73	7.00	As Certified
Purina Broiler Chow (6963)	20.69	18.00	5.81	4.00	8.70	7.00	As Certified
Purina Broiler Chow (7114)	21.88	18.00	5.13	4.00	8.64	7.00	As Certified
Purina Broiler Chow (7487)	20.88	18.00	5.14	4.00	8.69	7.00	As Certified
Purina Chick Orowena (6761)	16.08	15.00	5.22	3.50	6.30	7.00	As Certified
Purina Chick Orowena (6967)	16.83	15.00	5.11	3.50	6.00	7.00	As Certified
Purina Chick Orowena (7116)	17.38	15.00	4.88	3.50	6.77	7.00	As Certified
Purina Chick Orowena (7348)	17.13	15.00	4.68	3.50	6.65	7.00	As Certified
Purina Chick Orowena (7466)	19.86	15.00	4.38	3.50	6.66	7.00	As Certified
Purina Chick Orowena (7657)	16.81	18.00	4.50	3.50	6.77	7.00	As Certified
Purina Chick Startena (6720)	21.00	18.00	5.83	4.00	5.81	7.00	As Certified
Purina Chick Startena (7115)	21.00	18.00	4.93	4.00	5.07	7.00	As Certified
Purina Chicken Fatena (6959)	17.94	14.00	5.03	4.00	7.25	7.50	As Certified
Purina Duck Orowena (7658)	16.19	18.00	3.75	3.20	6.68	7.00	As Certified
Purina Egg Chowder (6766)	21.06	19.00	7.08	3.50	6.41	8.00	As Certified
Purine Egg Chowder (6962)	22.19	19.00	7.03	3.50	6.00	8.00	As Certified
Purina Growing Chow (6763)	17.86	17.00	5.77	3.50	6.40	7.00	As Certified
Purina Lay Chow (6721)	21.19	19.00	6.71	3.50	6.79	8.00	As Certified
Purina Lay Chow (6780)	19.85	19.00	6.56	3.50	6.60	8.00	As Certified
Purina Lay Chow (7113)	22.00	19.00	6.45	3.50	6.98	8.00	As Certified
Purina Lay Chow (7347)	21.44	19.00	5.03	3.50	6.51	8.00	As Certified
Purina Layena (6719)	18.38	15.50	5.48	3.50	5.28	8.00	As Certified
Purina Layena (6722)	17.75	15.50	5.68	3.50	5.47	8.00	As Certified
Purina Layena (6768)	18.75	15.50	5.97	3.50	5.31	8.00	As Certified
Purina Layena (6980)	17.94	15.50	5.17	3.80	4.83	8.00	As Certified
Purina Layena (7112)	18.08	15.50	4.75	3.80	5.37	8.00	As Certified
Purina Layena (7349)	17.88	15.50	5.10	3.50	5.37	8.00	As Certified
Purina Layena (7455)	17.75	15.50	4.92	3.50	5.41	8.00	As Certified
Purina Layena (7686)	18.06	15.50	5.64	3.50	5.70	8.00	As Certified
Purina Turkey Startena (7276)	29.13	20.00	6.14	4.50	4.64	6.00	Oat middlings not detected. Found in addition cottonseed meal and calcium carbonate.
OEO. L. REED MILLING CO., INC., Brookville, Pa. Triangle Chick Starting Mash (7211)	18.50	18.00	3.78	4.50	6.00	6.00	As Certified
Triangle Egg Mash (7210)	20.44	18.00	4.65	4.00	6.80	6.00	Found in addition dried blood meal.
Triangle Growing Mash (7207)	18.50	16.00	3.78	4.50	6.57	6.00	As Certified
W. A. REED ESTATE, Paxinos, Pa. Shamrock Egg Mash (6551)	21.00	20.00	6.16	4.50	6.61	7.50	Found in addition small amount of ground screenings including corn cockle.
REECE & GREENLY, Millville, Pa. R. & O. Growing Mash (7471)	18.06	18.00	5.22	4.00	4.93	7.00	Found in addition bone meal and small amount of ground screenings.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
R. & O. Laying Mash (7470)	P. ct. 18.60	P. ct. 18.00	P. ct. 5.09	P. ct. 4.00	P. ct. 8.82	P. ct. 7.00	Found in addition bone.
THOMAS R. REEVE, Toledo, Ohio							
Success Crowing Mash (7428)	18.69	18.00	2.78	3.00	8.91	8.00	As Certified
Success Laying Mash (7427)	21.83	20.00	3.28	3.00	8.92	8.00	As Certified
Success Laying Mash (7844)	25.81	20.00	4.88	3.00	9.80	8.00	As Certified
L. E. RHOADES, Selinsgrove, Pa.							
Peerless Laying Mash (8821)	19.94	19.00	4.91	4.00	8.13	7.00	As Certified
Peerless Starting and Crowing Mash (8620)	19.78	17.00	4.60	4.00	4.34	8.00	As Certified
THE RICHARDS MILLING CO., Cortland, O.							
Richards Cash Laying Mash (8660)	21.69	20.00	5.50	3.00	7.98	8.90	Cocoanut oil meal not detected.
Richards Cash Laying Mash (8683)	21.56	20.00	6.10	3.00	7.60	8.90	Cocoanut oil meal not detected.
Richards Starting Mash (8682)	18.69	18.00	8.45	3.00	8.07	8.90	Cocoanut oil meal not detected.
RICHARDS & MENCER, Jersey Shore, Pa.							
R. & M. Laying Mash (7239)	19.25	18.00	4.25	3.50	5.97	9.00	As Certified
RICHARDS & SCHRADER, Ward, Pa.							
Golden Rule 20% Laying Mash (8921)	22.28	20.00	4.84	4.50	5.87	7.00	As Certified
Golden Rule Starting Mash (8920)	19.68	17.00	4.45	4.00	5.71	7.00	Found in addition malt sprouts, ground oyster shell and ground bone.
J. S. RILEY & SONS, New Castle, Pa.							
Pioneer Laying Mash Standard (7398)	21.56	20.00	4.78	4.00	7.10	8.00	As Certified
Pioneer Starting Mash (7397)	19.31	20.00	2.27	5.00	8.87	8.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Hen-O-Lay Dry Mash with Cod Liver Oil (7888)	21.13	20.00	5.61	5.50	7.12	9.00	As Certified
Rockwell's Starting and Crowing Mash (7889)	18.38	15.00	4.83	4.50	8.28	7.00	As Certified
ROUX FEED MILLS, Sharon, Pa.							
Roux Supplement Egg Mash (8705)	35.19	32.00	8.47	4.00	8.71	7.00	As Certified
SCHIRMER BROTHERS, Belle Valley, Pa.							
Schrimer's Egg Mash (7880)	23.13	19.00	4.11	5.00	8.29	7.00	Found in addition gluten meal.
Schrimer's Starter and Crowing Mash (7882)	18.13	17.00	4.34	4.00	8.08	7.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter All Mash Chick Starter and Grower (8714)	17.50	15.00	5.18	8.00	5.29	8.00	Dried buttermilk not detected.
Red Letter Broiler Mash (7880)	21.31	15.00	8.74	5.00	5.44	8.00	As Certified
Red Letter Chick Mash (8870)	20.80	15.00	5.98	8.00	8.58	8.00	As Certified
Red Letter Egg Mash (8713)	21.44	20.00	5.08	4.50	8.88	7.00	As Certified
Red Letter Egg Mash (7482)	21.81	20.00	4.95	4.50	8.93	7.00	As Certified
Red Letter Egg Mash (7503)	20.94	20.00	5.80	4.50	7.24	7.00	As Certified
Red Letter Egg Mash (7859)	20.38	20.00	6.16	4.50	7.27	7.00	Found in addition small amount ground grain screenings.
Red Letter Crowing Mash (8672)	18.75	18.00	5.93	4.00	8.08	7.00	As Certified
Red Letter Poultry Fattener (8717)	15.88	12.50	5.98	4.50	8.51	8.00	As Certified
Shady-side Chick Mash (8715)	18.08	18.00	5.92	4.00	8.33	8.00	As Certified
Shady-side Egg Mash (8712)	18.25	18.00	4.58	4.00	8.47	8.00	Dried buttermilk not detected.
Shady-side Egg Mash (8671)	17.13	18.00	4.85	4.00	8.51	8.00	As Certified
Shady-side Egg Mash (7508)	19.89	18.00	4.74	4.00	7.24	8.00	As Certified
Shady-side Egg Mash (7882)	18.68	18.00	5.05	4.00	8.32	8.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pa.							
Templeton's Egg Mash (8789)	20.75	19.00	5.88	8.00	8.70	7.00	As Certified
THRIFT FEED MILL, Doylestown, Pa.							
Laying Mash with Cod Liver Oil (8914)	21.69	20.00	5.40	4.00	8.22	7.00	As Certified
Thriftee Milk Alfalfa Egg Mash (8913)	22.13	19.50	5.29	4.00	8.15	7.00	As Certified
Thriftee Starting and Crowing Mash (8918)	20.60	17.50	4.88	4.00	5.25	8.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Chicotine with Cod Liver Oil (8881)	23.13	18.00	5.27	4.00	8.58	7.50	As Certified
Chicotine Pellets with Cod Liver Oil (8880)	22.78	18.00	5.14	4.00	8.28	7.80	As Certified
Egatine (8881)	24.58	23.00	5.21	4.00	5.97	7.80	As Certified
Tasty Laying Food (8882)	23.38	20.00	6.84	4.00	8.35	7.50	As Certified
Tioga Starter and Crowing (8880)	21.38	18.50	4.90	4.00	8.61	7.50	As Certified
Tioga Starter and Crowing (8882)	21.38	18.50	4.98	4.00	8.91	7.50	As Certified
THE UBIKO MILLING CO., Cincinnati, O.							
Ubiko All Mash Developer (7228)	18.50	14.00	4.83	4.00	4.92	8.00	As Certified
Ubiko Egg Mash (7883)	24.58	20.00	4.43	4.00	5.53	8.00	As Certified
Ubiko Mash Balancer (7225)	34.44	32.00	4.93	4.00	6.88	7.00	As Certified
Ubiko Mash Balancer (7488)	34.68	32.00	4.92	4.00	5.78	7.00	As Certified
THE URBANA MILLS CO., Urbana, Ohio							
Purty Egg Mash (7280)	21.50	20.00	5.45	5.00	8.37	8.00	As Certified
Urbana Egg Mash (7249)	20.44	18.00	3.85	4.00	5.97	8.00	As Certified
Urbana Egg Mash (7858)	20.08	18.00	3.95	4.00	7.68	8.00	As Certified
Urbana Starting and Crowing All Mash (7261)	17.75	15.00	5.38	4.00	8.10	8.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Growing Chick Mash (7339)	20.19	18.00	4.77	4.00	8.92	8.00	As Certified
Starter Chick Mash (7336)	20.08	18.00	5.13	3.50	5.02	8.00	As Certified
Vandervort's Buttermilk Cod Liver Oil Poultry Mash (7194)	21.38	20.00	5.35	3.50	5.80	8.00	As Certified
Vandervort's Buttermilk Cod Liver Oil Poultry Mash (7337)	20.89	20.00	8.18	3.50	5.85	5.00	As Certified
Vandervort's Laying Mash (7331)	21.38	19.00	8.46	4.00	5.78	8.00	As Certified



TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Vandervort's Laying Mash with Cod Liver Oil (7192)	19.94	16.00	5.90	4.50	6.36	11.00	Ae Certified
Vandervort's Laying Mash with Cod Liver Oil (7336)	20.00	16.00	6.18	4.50	7.03	11.00	Ae Certified
VEACH COMPANY, New Castle, Pa.							
Veach Egg Mash (7386)	23.56	20.00	5.25	4.00	7.65	8.00	Ae Certified
Veach Growing Mash (7383)	22.31	16.00	5.32	4.00	7.11	6.00	Ae Certified
VITALITY MILLS, INC., Chicago, Ill.							
Station Feed for Fattening Poultry (7701)	14.38	12.50	4.02	4.50	4.75	6.00	Rolled barley not detected.
A. S. VOGEL, Telford, Pa.							
Vogel's Laying Mash (6990)	19.94	18.00	5.63	3.50	6.20	8.00	Crab meal not detected.
Vogel's Starting and Growing Mash (6992)	18.38	17.00	6.38	4.00	6.77	6.00	Ae Certified
WALDO BROTHERS, Wycox, Pa.							
Walbro Laying Mash (6569)	23.81	20.00	6.17	5.50	7.67	8.00	Found in addition ground bone.
WARNER'S MILL, Alliance, Ohio							
Sunrise Egg Mash (6856)	21.50	18.00	6.19	3.50	8.66	7.50	Ae Certified
Warner's Blue Ribbon Egg Mash (6853)	21.38	20.00	5.78	5.00	7.65	8.00	Ae Certified
Warner's Blue Ribbon Growing Mash (6854)	18.63	16.00	4.76	3.50	6.83	5.00	As Certified
Warner's Blue Ribbon Starting Mash (6862)	17.88	16.00	4.76	3.50	6.31	5.00	Ae Certified
WARREN CITY MILLS, Warren, Pa.							
Penn State Orowar (6933)	18.56	17.00	6.35	4.00	6.07	9.00	Ae Certified
Penn State Laying Mash (6937)	19.00	17.00	6.44	4.00	6.37	9.00	Found in addition soy bean meal.
Penn State Starter (6931)	18.88	18.00	6.50	4.00	6.75	8.00	Ae Certified
Quality Egg Mash (6934)	20.69	19.00	4.53	4.00	6.60	9.00	As Certified
Quality 20% Laying Mash (6930)	22.56	20.00	5.90	4.50	6.92	6.75	As Certified
WASHINGTON MILLING CO., Washington, Pa.							
Gain Mora Egg Laying Mash (7645)	22.38	20.00	4.68	4.00	7.37	7.00	Ae Certified
WELLES MILL CO., Wyalusing, Pa.							
Wellco Orowing Mash (6581)	18.88	18.00	6.18	4.00	5.70	8.00	Alfalfa leaf meal not detected.
Wellco Market Mash (6579)	21.63	19.00	4.98	4.00	5.71	9.00	Lined oil meal not detected. Found in addition ground bone, small amount ground screenings and ground buckwheat.
Wellco Milk Egg Mash (6582)	22.76	19.00	6.13	4.00	5.36	8.00	Lined oil meal not detected. Found in addition ground bone.
E. E. WENTZ, Lock Haven, Pa.							
Wentz's Laying Mash (6654)	19.63	18.00	4.96	4.00	6.87	7.00	Ae Certified
Wentz's Producer Mash (6663)	19.44	18.00	5.55	4.00	6.22	7.50	Found in addition ground bone.
Wentz's Starting Mash (6655)	20.19	18.00	4.87	3.50	7.00	7.00	Found in addition soy bean meal.
Wentz's Starting and Growing Mash (6657)	19.25	17.00	4.70	3.00	6.86	7.50	Ae Certified
F. S. WERTZ & SON, Reading, Pa.							
Wertz Orowing Mash (6969)	15.81	15.00	5.18	4.00	6.75	7.00	Ae Certified
WESTERN FLOUR CO., Charlaroi, Pa.							
Economy Egg Mash (6881)	20.13	18.00	5.80	3.50	7.61	8.00	As Certified
A. H. WHITE, Monroeton, Pa.							
White's Stradco Laying Mash (6591)	22.13	20.00	5.86	4.50	6.98	6.00	Ae Certified
White's Stradco Starting and Growing Mash (6692)	17.63	16.00	5.64	4.50	6.51	5.00	Found in addition ground bone.
THE WHITE MILLING CO., Bloomsburg, Pa.							
Keystone Chick Starter Mash (6540)	18.44	16.00	6.00	5.00	6.74	6.00	As Certified
Keystone Egg Producer (6538)	17.75	17.00	6.61	5.00	5.27	7.00	Ae Certified
Keystone 20% Laying Mash (6639)	21.00	20.00	5.49	4.50	6.71	7.50	Ae Certified
Average	20.44	-----	5.08	-----	6.36	-----	
PROPRIETARY SMALL ANIMAL FEEDS							
ACE HIGH PRODUCTS CO., New York, N. Y.							
Ace High Dog Food (7310)	8.72	7.00	1.42	2.25	1.51	1.00	As Certified
ALLIED MILLS, INC., Chicago, Ill.							
Wayna Dog Food Krume (7033)	27.13	25.00	5.43	4.00	4.22	6.00	As Certified
ANIMAL FOODS CO., San Jose, Calif.							
Favorite Dog and Cat Food (6692)	6.24	6.00	1.71	1.20	0.83	0.68	As Certified
ATLAS CANNING CO., GLENDALE, L. I., N. Y.							
Merit Dog Food (7308)	7.56	9.00	0.62	2.50	1.11	0.50	As Certified
AUSTIN DOG BREAD & ANIMAL FOOD CO., Chelsea, Mass.							
Austin's Cat Food (6633)	22.75	18.00	2.02	1.00	0.96	2.50	As Certified
Austin's Flakes for Puppies and Toy Dogs (6640)	20.63	20.00	2.22	1.00	0.67	2.00	As Certified
Austin's Toy Siscuit (7463)	22.94	20.00	1.69	1.00	0.65	2.00	Ae Certified
BALORATIONS, INC., Weverly, N. Y.							
T1-0-0e Dog Food (6802)	26.69	20.00	4.25	2.50	1.91	3.00	As Certified
T1-0-0a Dog Food Pellets (6803)	25.44	20.00	4.76	2.50	1.76	3.00	As Certified
T1-0-0a Puppy Food (6801)	30.88	30.00	3.45	3.00	2.35	3.00	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BAR-NONE SALES CO., San Jose, Calif. Bar-None Food for Dogs and Cats (6636)	6.10	6.00	1.50	1.20	0.61	0.58	As Certified
THE SEACON MILLING CO., INC., Cayuga, N. Y.							
Seacon Dog and Puppy Meal (6644)	25.94	24.00	5.52	3.00	2.59	5.00	As Certified
Seacon Dog and Puppy Meal (6808)	26.63	24.00	4.88	3.00	2.47	3.00	As Certified
CRAMPION ANIMAL FOOD CO., Minneapolis, Minn.							
North Star Kibbled Dog Food (6638)	20.13	19.10	2.26	4.00	2.92	2.90	As Certified
North Star Kibbled Dog Food (7109)	19.44	-----	2.01	-----	3.47	-----	As Certified
North Star Kibbled Dog Food (7315)	19.13	19.10	1.80	4.00	3.18	2.90	As Certified
CHAPPEL BROTHERS, INC., Rockford, Ill.							
Ken-L-Ration (7354)	11.27	-----	4.09	-----	0.86	-----	As Certified
Ken-L-Ration (7464)	9.91	10.00	4.23	2.00	0.60	2.00	As Certified
Ken-L-Ration (7465)	8.25	9.00	6.04	2.00	0.85	2.00	As Certified
CONSOLIDATED BY-PRODUCTS CO., Philadelphia, Pa.							
Marco Seaf Food Product Dog and Cat Food (7599)	11.22	10.50	3.73	3.00	0.77	1.00	As Certified
THE ALBERT DICKINSON CO., Chicago, Ill. Dickinson's Complete Dog Food (7394)	29.00	25.00	5.15	3.50	2.20	4.00	As Certified
DIETRICH & GAMBRILL, INC., Frederick, Md. D. & G. Puppy Meal (6825)	25.50	16.00	3.38	2.50	2.47	2.00	As Certified
DOYLE PACKING CO., Momence, Ill. Doyle's Supreme Dog Food (7304)	7.84	8.00	1.37	3.00	0.91	0.75	As Certified
Square Deal Rations for Dogs and Cats (6577)	5.90	6.50	0.70	2.50	0.96	1.00	As Certified
Strong Heart Rations (7658)	6.23	6.50	0.84	2.50	1.05	1.00	As Certified
JOHN W. ESRELMAN & SON, Lancaster, Pa. Red Rose Dog and Puppy Food (6974)	27.50	26.00	3.90	5.50	2.76	2.50	As Certified
Red Rose Dog Cubas (6975)	26.06	-----	4.30	-----	4.00	-----	As Certified
THE FOSTER CANNING CO., INC., Brooklyn, N. Y.							
Clipper Dog Food (6525)	7.31	7.00	2.22	2.25	1.05	1.00	As Certified
Clipper Dog Food (7103)	7.27	7.00	2.77	2.25	1.36	1.00	As Certified
Clipper Dog Food (7680)	10.14	7.00	1.83	2.25	0.87	1.00	As Certified
FRIED & REINEMAN PACKING CO., Pittsburgh, Pa.							
Hearty Brand Dog Food (6693)	9.49	10.00	2.70	2.50	0.93	1.00	As Certified
GAINES FOOD CO., Sherburne, N. Y.							
Gaines Krunchon (6800)	28.38	23.00	5.28	3.00	3.21	4.00	As Certified
Gaines Krunchon (6965)	28.44	23.00	4.91	3.00	3.16	4.00	As Certified
Gaines Meat and Milk Meal Cooked (6818)	27.56	23.00	4.61	3.00	2.85	4.00	As Certified
Gaines Meat and Milk Meal Cooked (6966)	28.19	23.00	4.68	3.00	2.85	4.00	As Certified
Vita Gaines Dog Food (6822)	6.65	7.00	3.00	2.50	0.42	1.00	As Certified
GENERAL PACKING CORP., New York, N. Y. Peppy Pet Food for Dogs and Cats (6815)	5.60	10.10	0.76	2.80	0.56	1.12	As Certified
HEPLER-McNAUGHTON MILLING CO., New Alexandria, Pa.							
New Alex Dog Food (6835)	19.06	17.00	3.35	2.50	2.75	4.50	As Certified
IMPERIAL PET FOODS, INC., Sackets Harbor, N. Y.							
Imperial Dog and Puppy Food (6526)	4.89	10.50	3.01	3.00	0.30	1.00	As Certified
JUMBO SALES CO., New York, N. Y. Jumbo Dog and Cat Food (7305)	5.08	8.00	0.97	2.10	0.65	1.00	As Certified
THE JUSTRITE CO., Milwaukee, Wis. Justrite Dog Biscuits (6834)	22.44	20.28	2.10	0.87	1.32	2.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Kasco Complete Dog Ration (6807)	26.50	22.00	4.30	4.00	3.10	4.00	As Certified
KEENO PACKING CO., Southgate, Calif. Commander Dog and Cat Food (6523)	8.19	8.00	2.42	2.00	0.36	1.00	Ingredients identified: Meat by-products, meat and bone meal, cracked hulled barley, pure ground barley, salt, garlic and charcoal.
KEERY'S DOG FOODS, Waterloo, N. Y. Ideal Food (6976)	30.19	27.00	6.65	5.00	6.02	6.00	As Certified
KINGAN & CO., Indianapolis, Ind. Kinco Dog Food (7559)	12.21	10.00	3.11	2.50	0.84	1.00	As Certified
LADDIE BOY SALES CORP., Glendale, L. I., N. Y.							
Oh-Key Dog and Cat Food (6643)	4.90	9.55	0.88	2.10	0.96	0.63	As Certified
Oh-Key Dog and Cat Food (7313)	6.77	9.55	0.80	2.10	1.20	0.63	As Certified
LARDAN PACKING CO., INC., Ozone Park, N. Y.							
Choppy Dog and Cat Food (6527)	4.76	9.74	1.21	1.55	1.15	0.40	As Certified
Choppy Dog and Cat Food (7108)	4.34	8.55	0.79	1.55	1.10	0.40	As Certified
Omar Dog Food (7350)	5.13	8.55	0.82	1.50	1.01	0.40	As Certified
DOGGIE DINNER DIVISION OF THE LOUGER PACKING CO., Terre Haute, Ind. Doggie Dinner (7099)	8.42	8.30	2.33	4.00	0.88	2.40	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING CO., INC., Buffalo, N. Y. Hunt Club Dog Food (7097)	25.31	25.00	4.50	3.50	2.32	4.00	As Certified
S. E. WIGHTON CO., Cleveland, Ohio Doggy Dog Food (7100)	7.03	7.00	3.51	1.75	0.86	1.75	As Certified
Handy Dog Food (7395)	6.32	7.00	2.41	1.75	0.60	1.75	As Certified
Star Dog and Cat Food (6528)	6.75	7.00	5.00	1.75	0.66	1.75	As Certified
Star Dog and Cat Food (7002)	10.04	7.00	6.36	1.75	0.66	1.75	As Certified
Sunny-Boy Dog Food (7012)	6.60	7.00	2.97	1.75	0.49	1.75	As Certified
MODERN FOOD PROCESS CO., Philadelphia, Pa. Thrivo Dog and Cat Food (6552)	11.30	10.00	5.57	3.00	1.66	3.00	As Certified
Thrivo Dog and Cat Food (6632)	11.26	10.00	6.03	3.00	1.49	3.00	As Certified
JOHN MORRELL & CO., Ottumwa, Iowa Red Heart Dog Food Dist. A (7702)	10.12	10.50	5.14	2.50	0.60	1.00	As Certified
Red Heart Kibbled Dog Food (6637)	26.06	25.00	3.31	2.00	1.32	2.00	As Certified
NATIONAL BISCUIT CO., New York, N. Y. Junior Milk-Bone Dog and Puppy Biscuit (6634)	23.75	20.00	2.34	1.50	1.90	2.50	As Certified
Milk-Bone Dog Biscuit (7098)	21.19	17.00	1.60	1.00	2.32	2.50	As Certified
Milk-Bone Crumbs (6642)	23.75	20.00	2.79	1.50	1.92	2.50	As Certified
Milk-Bone Puppy Biscuit (6641)	23.00	20.00	2.30	1.50	1.84	2.50	As Certified
NATIONAL COAST PRODUCTS CORP., Swadesboro, N. J. Lykit Dog and Cat Food (8578)	9.13	7.00	2.74	2.00	1.09	1.70	As Certified
Lykit Dog and Cat Food (7721)	6.15	7.00	3.05	2.00	1.04	1.70	As Certified
Spunky Dog and Cat Food (7101)	6.67	7.00	2.15	2.00	1.05	1.50	As Certified
NIFTY PET FOOD CO., Okauchburg, Pa. Nifty Dog and Cat Food (7679)	14.02	7.03	1.32	0.87	0.65	0.88	As Certified
NOWAK MILLING CORP., Hammond, Ind. Domino All-In-Ons Rab-bets (7462)	13.00	12.00	3.10	3.00	15.72	16.50	As Certified
PACKER PRODUCTS CO., Philadelphia, Pa. Dert Dog and Cat Feed (7624)	6.50	6.50	2.00	2.50	0.67	1.00	As Certified
PET FOOD SALES CO., New York, N. Y. Fetch-It (8824)	5.61	10.10	1.03	2.60	0.79	1.12	As Certified
Tarry Dog and Cat Food (7306)	5.62	10.10	0.90	2.60	0.78	1.12	As Certified
PET-MIL FOOD CO., INC., Cleyton, N. J. Pet-Mil Dog Food (6615)	33.00	25.00	4.18	4.00	4.22	3.00	As Certified
PHELPS & SIBLEY CO., Cuba, N. Y. Pasco Dog and Puppy Feed (7596)	26.63	28.00	5.93	4.00	3.56	6.00	As Certified
PROTO INC., Philadelphia, Pa. Proto (6809)	22.88	25.00	6.48	5.00	2.45	3.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Dog Chow (8631)	24.36	-----	8.39	-----	4.10	-----	As Certified
Purina Dog Chow (7300)	25.19	20.00	7.73	3.00	4.44	6.00	As Certified
Purina Dog Chow (7585)	25.00	20.00	6.41	3.00	3.21	6.00	As Certified
Purine Rabbit Chow (6968)	18.94	16.00	5.13	3.50	7.32	8.00	As Certified
Purine Rabbit Chow Complete Ration (6964)	17.69	13.50	3.85	2.50	12.98	16.00	As Certified
Purine Rabbit Chow Complete Ration (7340)	17.19	13.50	3.35	2.50	12.42	16.00	As Certified
RED & WHITE CORP., Chicago, Ill. Kenilworth Dog Food (6895)	9.76	9.00	4.13	3.25	0.74	0.50	As Certified
REX DOG FOOD PRODUCTS CO., Glendale, L. I., N. Y. Rex Dog Food (8839)	6.88	6.50	1.44	2.10	1.23	0.63	As Certified
Rex Dog Food (7004)	6.37	9.55	1.16	2.10	0.89	0.63	As Certified
Rex Dog Food (7657)	7.63	7.00	0.98	2.10	1.05	0.83	As Certified
JOHN S. RILEY & SONS, New Castle, Pa. Tri-Blend Dog Food (7398)	26.26	25.00	4.58	4.00	2.12	3.00	As Certified
RIVAL PACKING CO., Chicago, Ill. Rival Dog Food (7102)	11.83	10.00	3.11	2.60	0.69	1.00	As Certified
SPRATTS PATENT LTD., Newark, N. J. Spratt's Bulldog and Terrier Meal (6611)	25.56	20.00	2.36	2.00	0.80	1.50	As Certified
Spratt's Charcoal Ovals (6820)	21.38	20.00	2.92	2.00	6.20	7.50	As Certified
Spratt's Cod Liver Oil Ovals (6619)	24.99	19.00	3.60	1.25	0.89	2.00	As Certified
Spratt's Fibro (6832)	25.25	20.00	2.19	2.00	0.93	1.50	As Certified
Spratt's Meat-Fibrine Puppy Cakes (6629)	21.06	-----	3.79	-----	0.83	-----	As Certified
Spratt's Ovals (6821)	24.69	20.00	2.33	2.00	0.78	1.50	As Certified
Spratt's Spix Meat-Fibrine Dog Cakes (6828)	22.31	20.00	3.63	2.00	0.57	1.50	As Certified
Spratt's Spix Meat-Fibrine Dog Cakes (6633)	23.19	20.00	1.43	2.00	1.15	1.50	As Certified
SPEEDY SALES CO., Glendale, L. I., N. Y. Speedy Dog and Cat Food (7301)	6.40	9.55	1.40	2.10	1.15	0.83	As Certified
Speedy Dog and Cat Food (7367)	6.92	9.55	1.23	2.10	1.39	0.83	As Certified
SWIFT & CO., Chicago, Ill. Pard Dog Food (7314)	11.40	10.50	3.29	2.50	0.98	0.50	As Certified
UCO FOOD CORP., Newark, N. J. U. C. O. Dog and Cat Food (7309)	6.91	7.00	1.37	2.00	1.16	0.63	As Certified
VIMPEP FOODS, INC., Cambridge, Md. Always On Top (7351)	9.65	7.00	2.47	2.00	0.89	1.00	As Certified
Circus Dog Food (7534)	11.44	7.00	2.98	2.00	1.02	1.00	As Certified
Dog Lure Dog Food (7353)	7.10	7.00	1.81	2.00	0.89	1.00	As Certified
My Dog Dog Food (7535)	9.93	7.00	3.09	2.00	0.88	1.00	As Certified
On Guard Dog Food (7676)	9.52	7.00	3.01	2.00	0.61	1.00	As Certified
Smarty Dog Food (7703)	9.04	7.00	2.84	2.00	0.70	1.00	As Certified
Vimpep Dog Food (7000)	6.33	7.00	3.24	2.00	0.93	1.00	As Certified



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	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
VITA-FRESH DOG FOOD CORP., Long Island City, N. Y. Vite-Seet Dog Food (6817)	31.50	27.00	6.04	7.00	2.80	3.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Special Rabbit Feed (6903)	16.44	12.60	6.18	6.50	12.92	16.00	Bone meal not detected.
WARNER DOG FOOD CO., INC., Brooklyn, N. Y. Warner's Allbreed (6825)	25.31	-----	1.63	-----	1.56	-----	As Certified
Warner's Complete Ration (6810)	27.31	23.00	5.70	3.00	2.68	2.60	As Certified
Warner's Crumbles (6827)	14.66	-----	2.06	-----	0.90	-----	As Certified
Warner's Terrier Special (6830)	23.59	-----	1.56	-----	1.67	-----	As Certified
WILSON & CO., Chicago, Ill. Ideal Dog Food (5742)	10.11	10.00	3.96	2.00	0.50	1.00	As Certified
<u>MISCELLANEOUS FEED</u>							
DAWE'S PRODUCTS CO., Denver, Colorado Dawe's Vitamelk Base (5569)	50.81	44.00	5.20	4.60	2.98	4.00	As Certified
McMILLEN FEED MILLS, INC., Fort Wayne, Ind. Master Boy (5746)	41.50	37.00	4.69	4.60	5.39	6.50	As Certified
NATIONAL BISCUIT CO., SHREDDED WHEAT BAKERIES, Niagara Falls, N. Y. Wheat Feed #1 (6812)	11.94	10.00	1.76	1.50	2.23	3.50	As Certified
<u>ANIMAL BY-PRODUCTS</u>							
<u>Meat and Bone Scrap</u>							
GREENSBURG BY-PRODUCTS CO., Greensburg, Pa. Quality Meat Scraps (5900)	56.44	55.00	10.66	10.00	1.11	2.00	As Certified
O. R. SHOEMAKER, INC., Philadelphia, Pa. Belgrade Brand Beef and Bone Scrap 50% (6979)	61.38	50.00	10.81	10.00	1.76	2.00	As Certified
Belgrade Brand Beef and Bone Scrap 50% (7616)	43.69	50.00	9.80	10.00	1.87	2.00	As Certified
Echo Brand Meat and Bone Scrap 46% (5977)	46.19	45.00	10.25	10.00	1.77	2.00	As Certified
Pureco Brand Beef and Bone Scrap 66% (6978)	66.44	66.00	10.16	10.00	1.32	2.00	As Certified
WILSON & CO., Chicago, Ill. Red "W" Brand Meat and Bone Scrap (7712)	61.26	60.00	8.10	6.00	1.67	3.00	As Certified
Average	61.40	-----	9.95	-----	1.51	-----	

